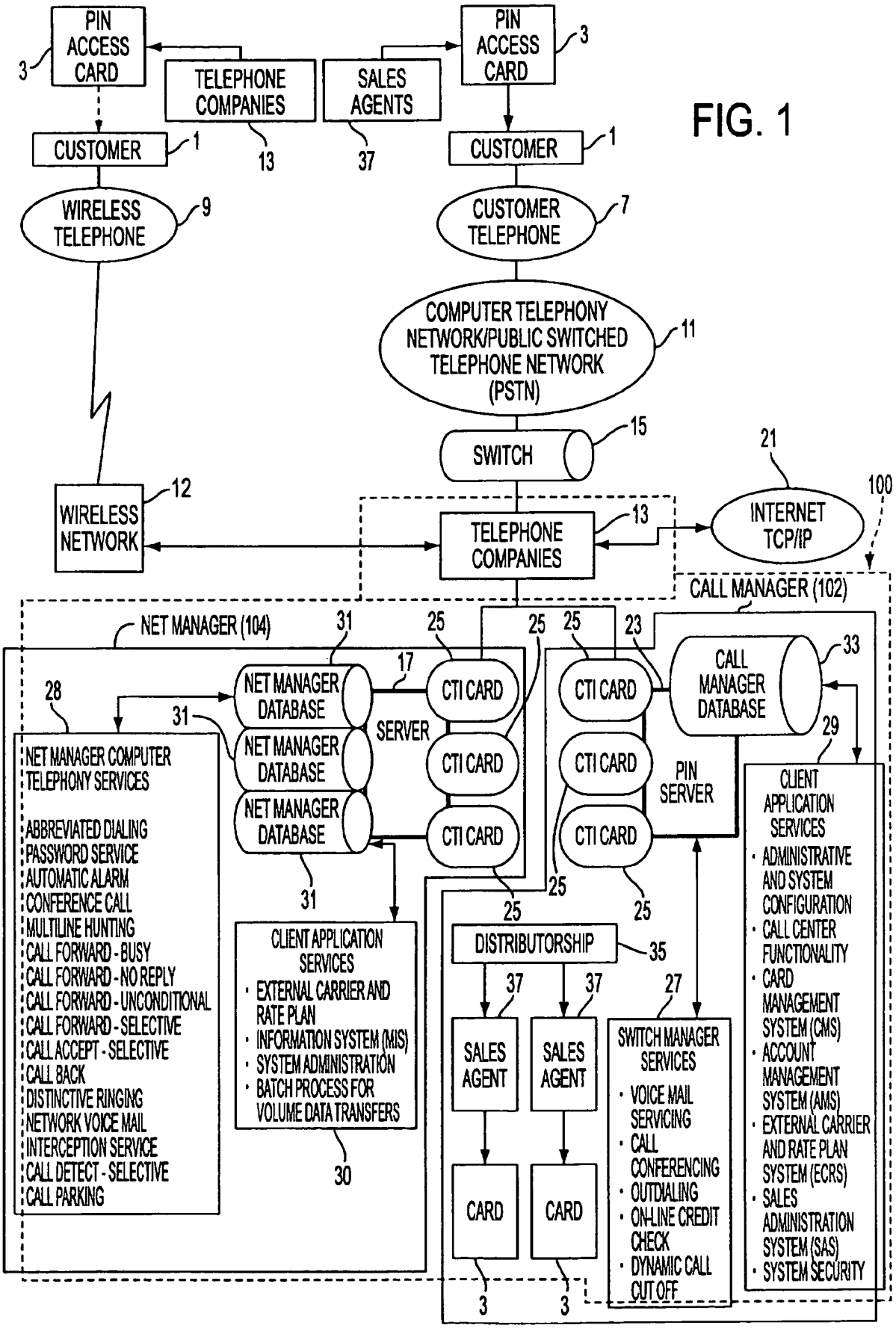
PIN ACCESS CARD
3
TELEPHONE COMPANIES
13
SALES AGENTS
37
PIN ACCESS CARD
3
CUSTOMER
1
CUSTOMER
1
WIRELESS TELEPHONE
9
CUSTOMER TELEPHONE
7
COMPUTER TELEPHONY NETWORK/PUBLIC SWITCHED TELEPHONE NETWORK (PSTN)
11
SWITCH
15
21
100
WIRELESS NETWORK
12
TELEPHONE COMPANIES
13
INTERNET TCP/IP
CALL MANAGER (102)
NET MANAGER (104)
31
25
25
25
23
17
33
28
NET MANAGER DATABASE
NET MANAGER DATABASE
NET MANAGER DATABASE
SERVER
CTI CARD
CTI CARD
CTI CARD
CTI CARD
CTI CARD
CTI CARD
CALL MANAGER DATABASE
29
PIN SERVER
NET MANAGER COMPUTER TELEPHONY SERVICES
ABBREVIATED DIALING
PASSWORD SERVICE
AUTOMATIC ALARM
CONFERENCE CALL
MULTILINE HUNTING
CALL FORWARD - BUSY
CALL FORWARD - NO REPLY
CALL FORWARD - UNCONDITIONAL
CALL FORWARD - SELECTIVE
CALL ACCEPT - SELECTIVE
CALL BACK
DISTINCTIVE RINGING
NETWORK VOICE MAIL
INTERCEPTION SERVICE
CALL DETECT - SELECTIVE
CALL PARKING
CLIENT APPLICATION SERVICES
• EXTERNAL CARRIER AND RATE PLAN
• INFORMATION SYSTEM (MIS)
• SYSTEM ADMINISTRATION
• BATCH PROCESS FOR VOLUME DATA TRANSFERS
30
CLIENT APPLICATION SERVICES
• ADMINISTRATIVE AND SYSTEM CONFIGURATION
• CALL CENTER FUNCTIONALITY
• CARD MANAGEMENT SYSTEM (CMS)
• ACCOUNT MANAGEMENT SYSTEM (AMS)
• EXTERNAL CARRIER AND RATE PLAN SYSTEM (ECRS)
• SALES ADMINISTRATION SYSTEM (SAS)
• SYSTEM SECURITY
DISTRIBUTORSHIP
35
37
37
27
SALES AGENT
SALES AGENT
SWITCH MANAGER SERVICES
• VOICE MAIL SERVICING
• CALL CONFERENCING
• OUTDIALING
• ON-LINE CREDIT CHECK
• DYNAMIC CALL CUT OFF
CARD
CARD
3
3

FIG. 1

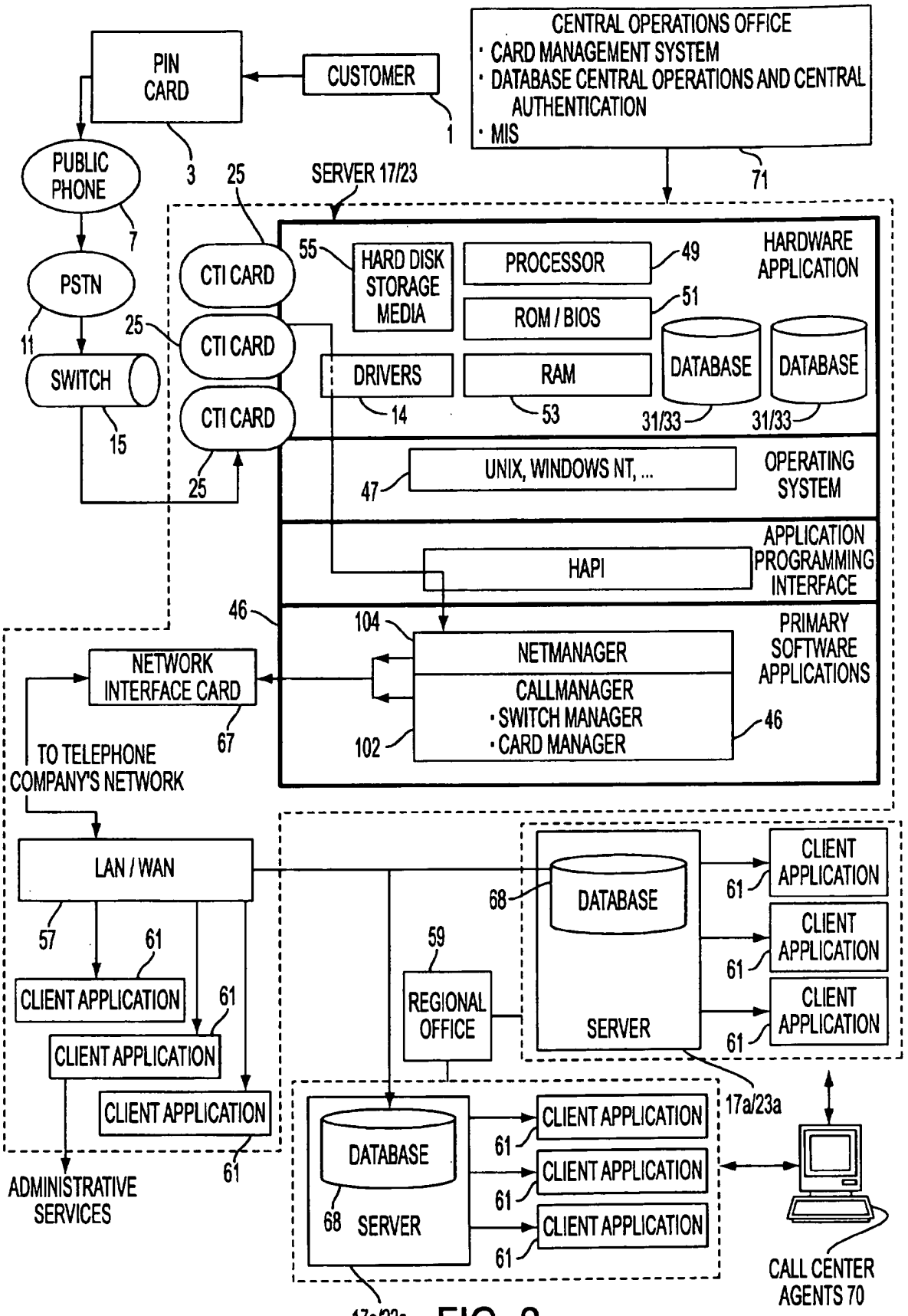
CENTRAL OPERATIONS OFFICE
· CARD MANAGEMENT SYSTEM
· DATABASE CENTRAL OPERATIONS AND CENTRAL AUTHENTICATION
· MIS
71
PIN CARD
CUSTOMER
1
3
PUBLIC PHONE
7
PSTN
11
SWITCH
15
25
SERVER 17/23
CTI CARD
CTI CARD
CTI CARD
25
25
55
HARD DISK STORAGE MEDIA
PROCESSOR
49
ROM / BIOS
51
DRIVERS
14
RAM
53
DATABASE
DATABASE
31/33
31/33
HARDWARE APPLICATION
UNIX, WINDOWS NT, ...
47
OPERATING SYSTEM
HAPI
APPLICATION PROGRAMMING INTERFACE
46
104
NETMANAGER
CALLMANAGER
· SWITCH MANAGER
· CARD MANAGER
102
46
PRIMARY SOFTWARE APPLICATIONS
NETWORK INTERFACE CARD
67
TO TELEPHONE COMPANY'S NETWORK
LAN / WAN
57
61
CLIENT APPLICATION
61
CLIENT APPLICATION
CLIENT APPLICATION
61
ADMINISTRATIVE SERVICES
59
REGIONAL OFFICE
68
DATABASE
SERVER
61
CLIENT APPLICATION
61
CLIENT APPLICATION
61
CLIENT APPLICATION
17a/23a
DATABASE
68
SERVER
61
CLIENT APPLICATION
61
CLIENT APPLICATION
61
CLIENT APPLICATION
17a/23a
CALL CENTER AGENTS 70

FIG. 2

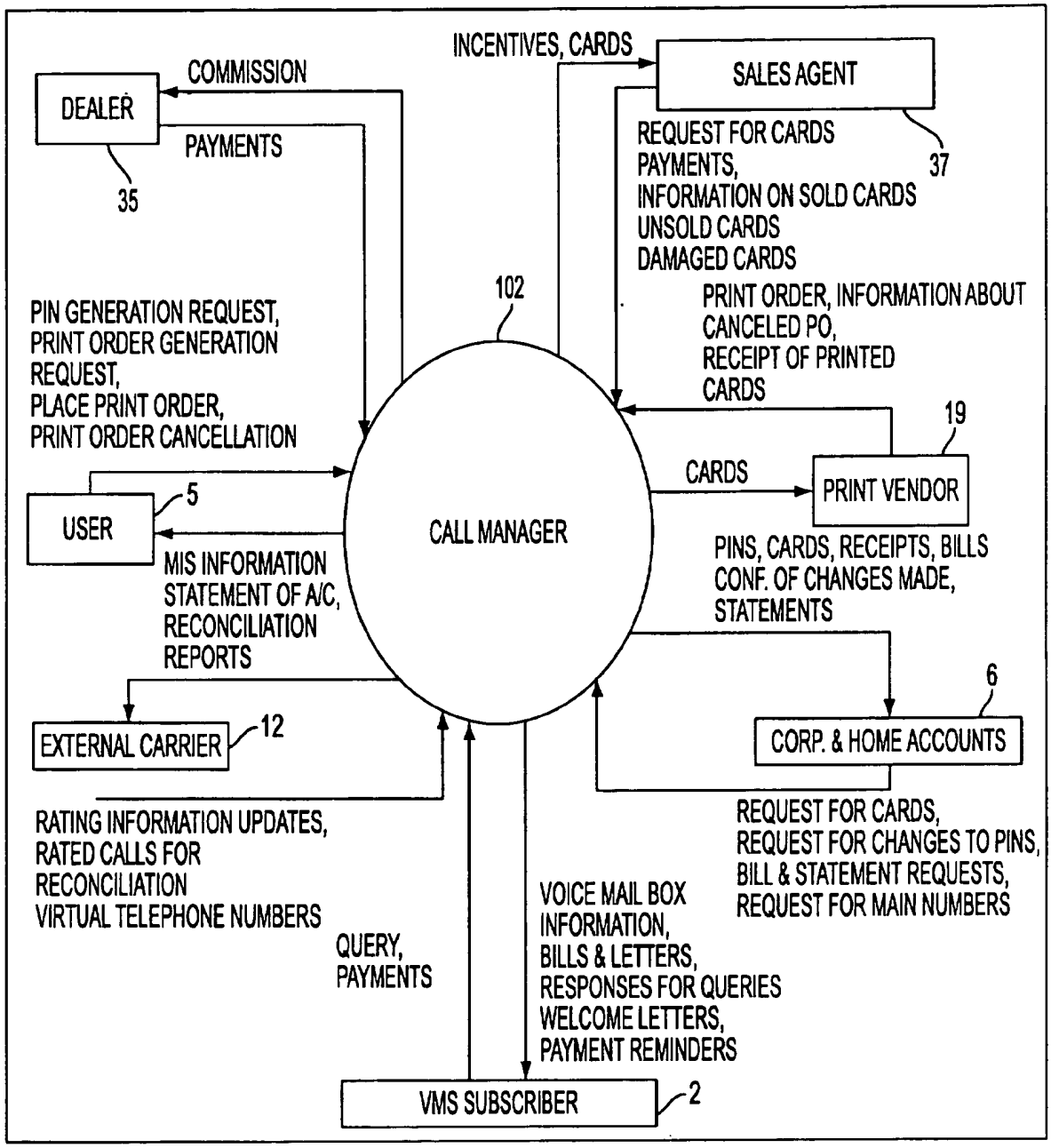
INCENTIVES, CARDS
SALES AGENT
COMMISSION
DEALER
PAYMENTS
35
REQUEST FOR CARDS
PAYMENTS,
INFORMATION ON SOLD CARDS
UNSOLD CARDS
DAMAGED CARDS
37
102
PRINT ORDER, INFORMATION ABOUT
CANCELED PO,
RECEIPT OF PRINTED
CARDS
PIN GENERATION REQUEST,
PRINT ORDER GENERATION
REQUEST,
PLACE PRINT ORDER,
PRINT ORDER CANCELLATION
19
CARDS
PRINT VENDOR
5
USER
CALL MANAGER
MIS INFORMATION
STATEMENT OF A/C,
RECONCILIATION
REPORTS
PINS, CARDS, RECEIPTS, BILLS
CONF. OF CHANGES MADE,
STATEMENTS
6
EXTERNAL CARRIER
12
CORP. & HOME ACCOUNTS
RATING INFORMATION UPDATES,
RATED CALLS FOR
RECONCILIATION
VIRTUAL TELEPHONE NUMBERS
REQUEST FOR CARDS,
REQUEST FOR CHANGES TO PINS,
BILL & STATEMENT REQUESTS,
REQUEST FOR MAIN NUMBERS
QUERY,
PAYMENTS
VOICE MAIL BOX
INFORMATION,
BILLS & LETTERS,
RESPONSES FOR QUERIES
WELCOME LETTERS,
PAYMENT REMINDERS
VMS SUBSCRIBER
2

FIG. 3

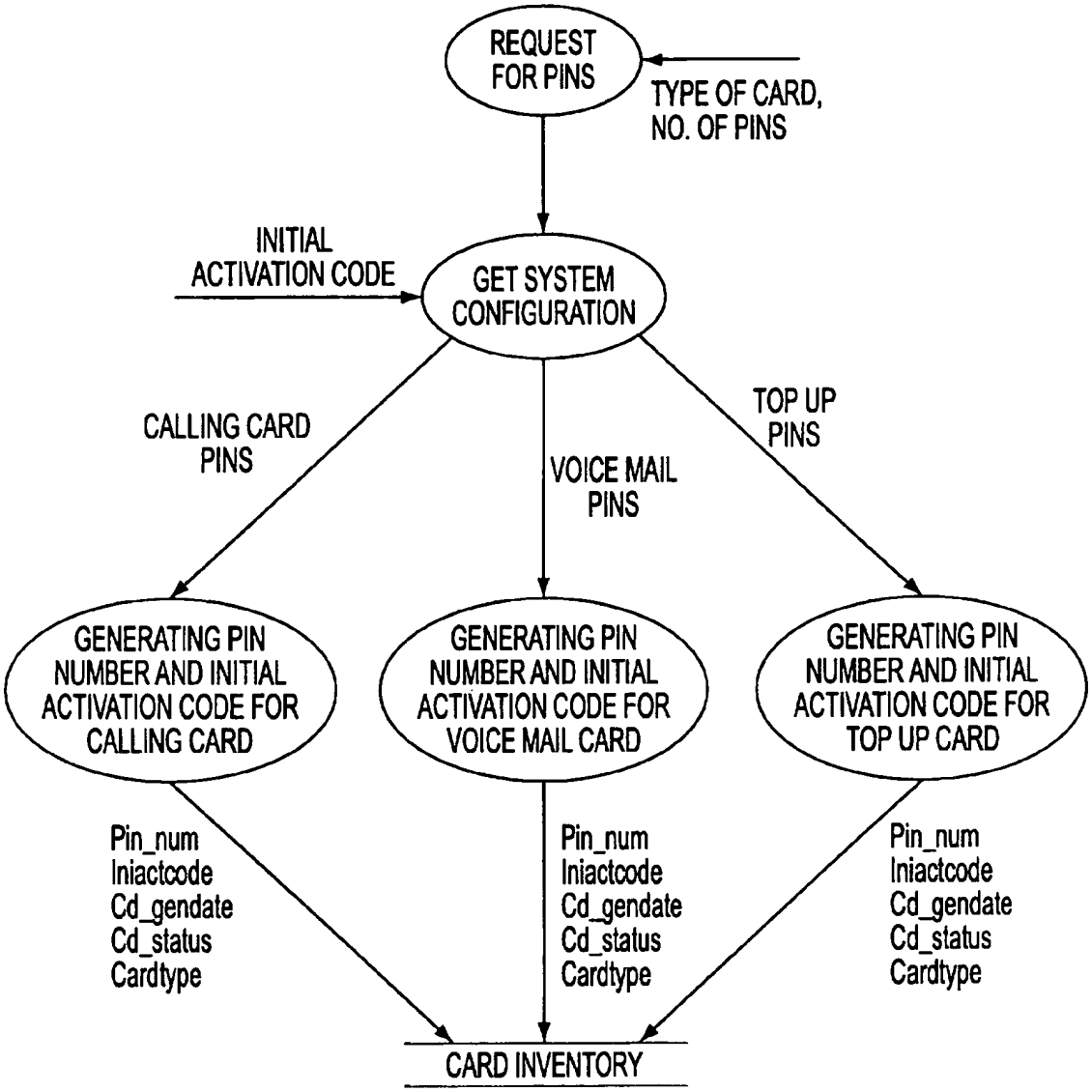
REQUEST FOR PINS
TYPE OF CARD, NO. OF PINS
INITIAL ACTIVATION CODE
GET SYSTEM CONFIGURATION
CALLING CARD PINS
VOICE MAIL PINS
TOP UP PINS
GENERATING PIN NUMBER AND INITIAL ACTIVATION CODE FOR CALLING CARD
GENERATING PIN NUMBER AND INITIAL ACTIVATION CODE FOR VOICE MAIL CARD
GENERATING PIN NUMBER AND INITIAL ACTIVATION CODE FOR TOP UP CARD
Pin_num
Iniactcode
Cd_gendate
Cd_status
Cardtype
Pin_num
Iniactcode
Cd_gendate
Cd_status
Cardtype
Pin_num
Iniactcode
Cd_gendate
Cd_status
Cardtype
CARD INVENTORY

FIG. 4

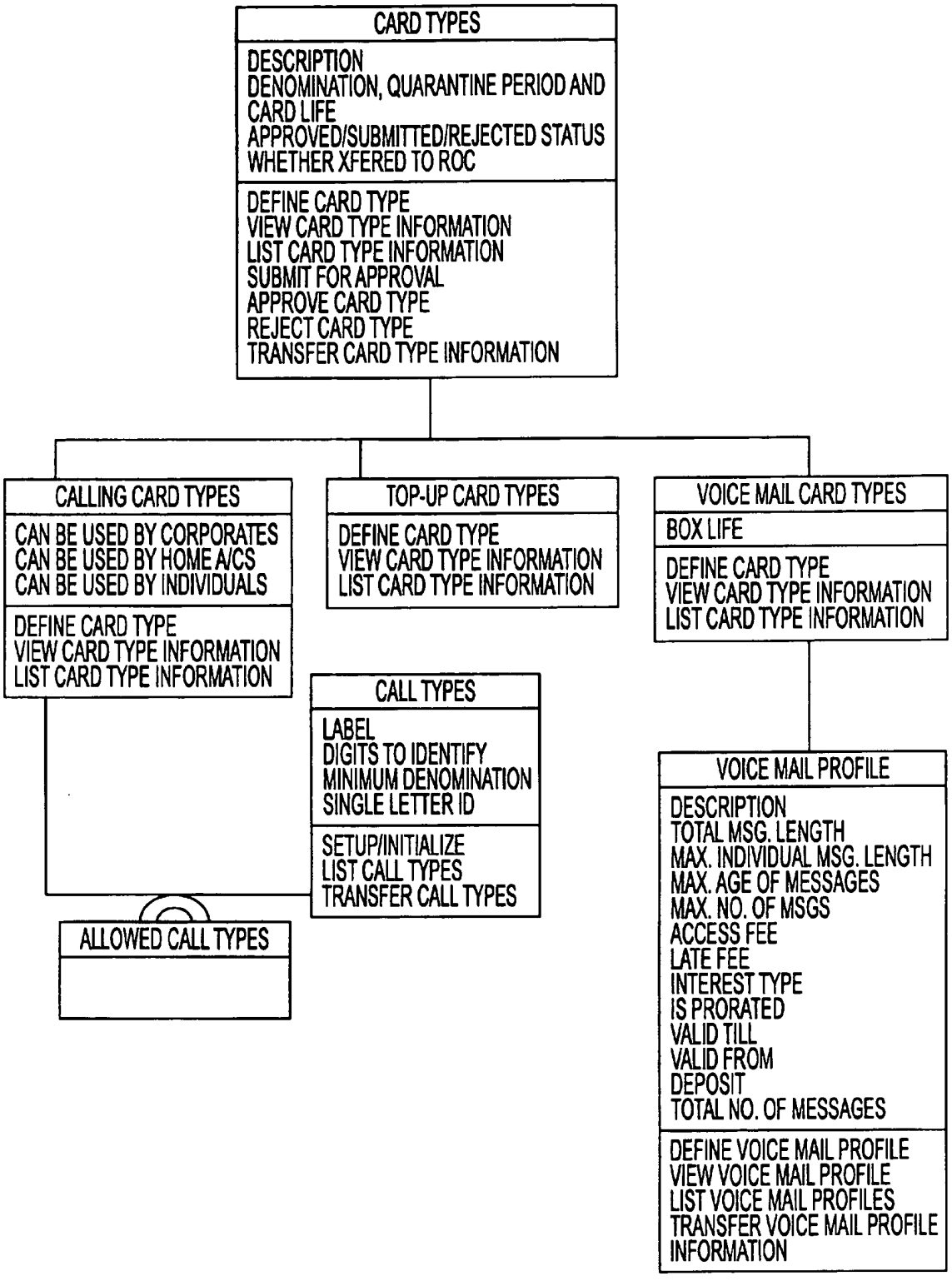
CARD TYPES
DESCRIPTION
DENOMINATION, QUARANTINE PERIOD AND CARD LIFE
APPROVED/SUBMITTED/REJECTED STATUS
WHETHER XFERED TO ROC
DEFINE CARD TYPE
VIEW CARD TYPE INFORMATION
LIST CARD TYPE INFORMATION
SUBMIT FOR APPROVAL
APPROVE CARD TYPE
REJECT CARD TYPE
TRANSFER CARD TYPE INFORMATION
CALLING CARD TYPES
CAN BE USED BY CORPORATES
CAN BE USED BY HOME A/CS
CAN BE USED BY INDIVIDUALS
DEFINE CARD TYPE
VIEW CARD TYPE INFORMATION
LIST CARD TYPE INFORMATION
TOP-UP CARD TYPES
DEFINE CARD TYPE
VIEW CARD TYPE INFORMATION
LIST CARD TYPE INFORMATION
VOICE MAIL CARD TYPES
BOX LIFE
DEFINE CARD TYPE
VIEW CARD TYPE INFORMATION
LIST CARD TYPE INFORMATION
CALL TYPES
LABEL
DIGITS TO IDENTIFY
MINIMUM DENOMINATION
SINGLE LETTER ID
SETUP/INITIALIZE
LIST CALL TYPES
TRANSFER CALL TYPES
ALLOWED CALL TYPES
VOICE MAIL PROFILE
DESCRIPTION
TOTAL MSG. LENGTH
MAX. INDIVIDUAL MSG. LENGTH
MAX. AGE OF MESSAGES
MAX. NO. OF MSGS
ACCESS FEE
LATE FEE
INTEREST TYPE
IS PRORATED
VALID TILL
VALID FROM
DEPOSIT
TOTAL NO. OF MESSAGES
DEFINE VOICE MAIL PROFILE
VIEW VOICE MAIL PROFILE
LIST VOICE MAIL PROFILES
TRANSFER VOICE MAIL PROFILE INFORMATION

FIG. 5

FUNCTIONALITY PROVIDED BY ALL ACCESS CARDS REPORT

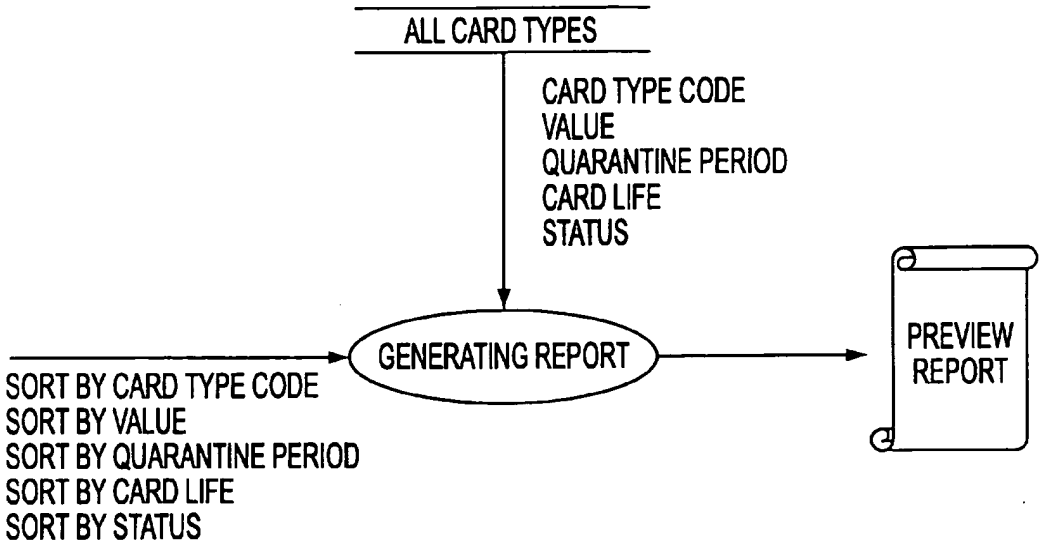

FIG. 6A

FUNCTIONALITY PROVIDED BY ALL ACCESS CARDS REPORT

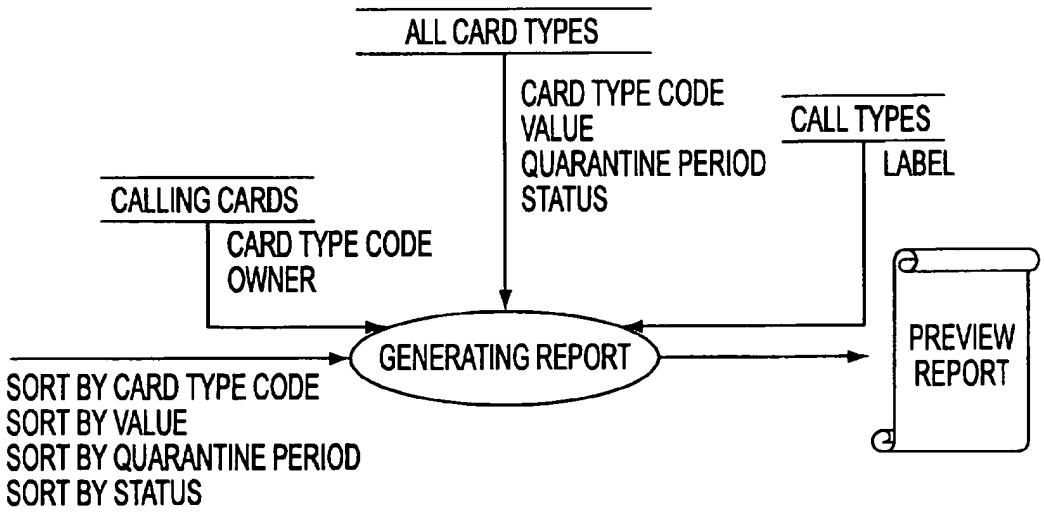

FIG. 6B

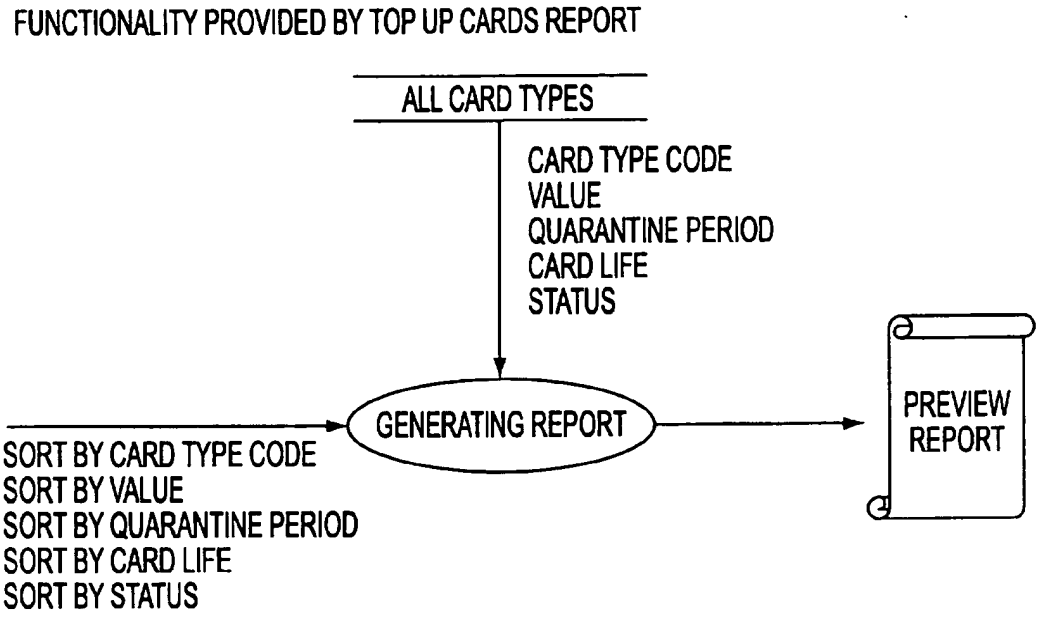
FUNCTIONALITY PROVIDED BY TOP UP CARDS REPORT
ALL CARD TYPES
CARD TYPE CODE
VALUE
QUARANTINE PERIOD
CARD LIFE
STATUS
GENERATING REPORT
PREVIEW REPORT
SORT BY CARD TYPE CODE
SORT BY VALUE
SORT BY QUARANTINE PERIOD
SORT BY CARD LIFE
SORT BY STATUS

FIG. 7A

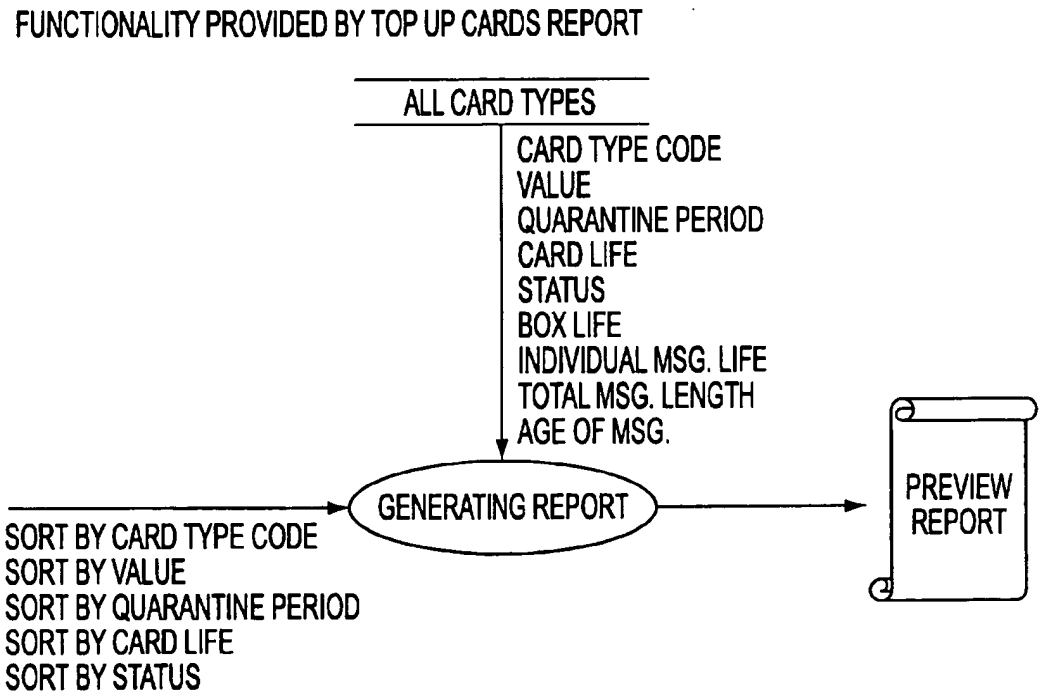
FUNCTIONALITY PROVIDED BY TOP UP CARDS REPORT
ALL CARD TYPES
CARD TYPE CODE
VALUE
QUARANTINE PERIOD
CARD LIFE
STATUS
BOX LIFE
INDIVIDUAL MSG. LIFE
TOTAL MSG. LENGTH
AGE OF MSG.
GENERATING REPORT
PREVIEW REPORT
SORT BY CARD TYPE CODE
SORT BY VALUE
SORT BY QUARANTINE PERIOD
SORT BY CARD LIFE
SORT BY STATUS

FIG. 7B

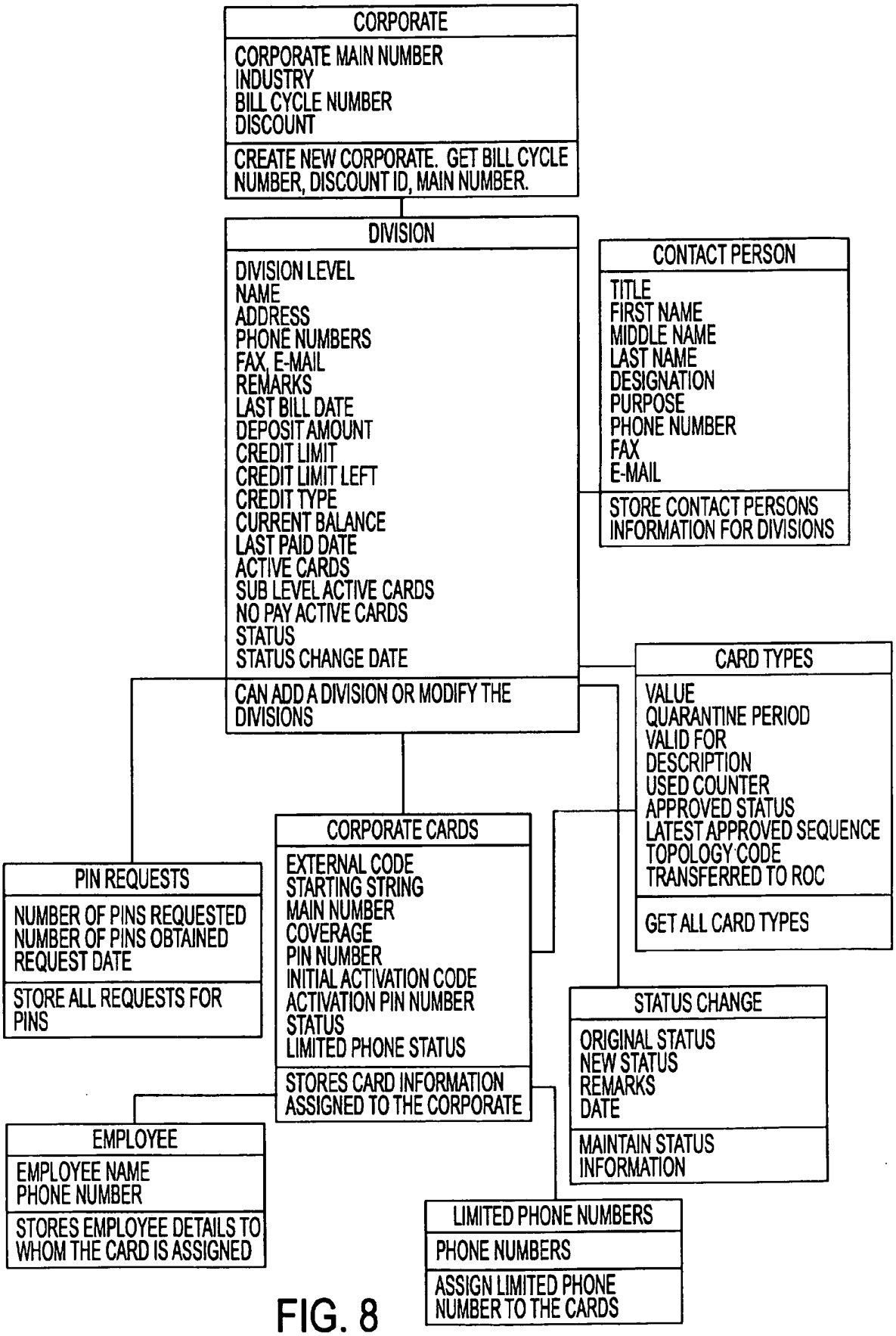
CORPORATE
CORPORATE MAIN NUMBER
INDUSTRY
BILL CYCLE NUMBER
DISCOUNT
CREATE NEW CORPORATE. GET BILL CYCLE NUMBER, DISCOUNT ID, MAIN NUMBER.
DIVISION
DIVISION LEVEL
NAME
ADDRESS
PHONE NUMBERS
FAX, E-MAIL
REMARKS
LAST BILL DATE
DEPOSIT AMOUNT
CREDIT LIMIT
CREDIT LIMIT LEFT
CREDIT TYPE
CURRENT BALANCE
LAST PAID DATE
ACTIVE CARDS
SUB LEVEL ACTIVE CARDS
NO PAY ACTIVE CARDS
STATUS
STATUS CHANGE DATE
CAN ADD A DIVISION OR MODIFY THE DIVISIONS
CONTACT PERSON
TITLE
FIRST NAME
MIDDLE NAME
LAST NAME
DESIGNATION
PURPOSE
PHONE NUMBER
FAX
E-MAIL
STORE CONTACT PERSONS INFORMATION FOR DIVISIONS
CARD TYPES
VALUE
QUARANTINE PERIOD
VALID FOR
DESCRIPTION
USED COUNTER
APPROVED STATUS
LATEST APPROVED SEQUENCE
TOPOLOGY CODE
TRANSFERRED TO ROC
GET ALL CARD TYPES
PIN REQUESTS
NUMBER OF PINS REQUESTED
NUMBER OF PINS OBTAINED
REQUEST DATE
STORE ALL REQUESTS FOR PINS
CORPORATE CARDS
EXTERNAL CODE
STARTING STRING
MAIN NUMBER
COVERAGE
PIN NUMBER
INITIAL ACTIVATION CODE
ACTIVATION PIN NUMBER
STATUS
LIMITED PHONE STATUS
STORES CARD INFORMATION ASSIGNED TO THE CORPORATE
STATUS CHANGE
ORIGINAL STATUS
NEW STATUS
REMARKS
DATE
MAINTAIN STATUS INFORMATION
EMPLOYEE
EMPLOYEE NAME
PHONE NUMBER
STORES EMPLOYEE DETAILS TO WHOM THE CARD IS ASSIGNED
LIMITED PHONE NUMBERS
PHONE NUMBERS
ASSIGN LIMITED PHONE NUMBER TO THE CARDS

FIG. 8

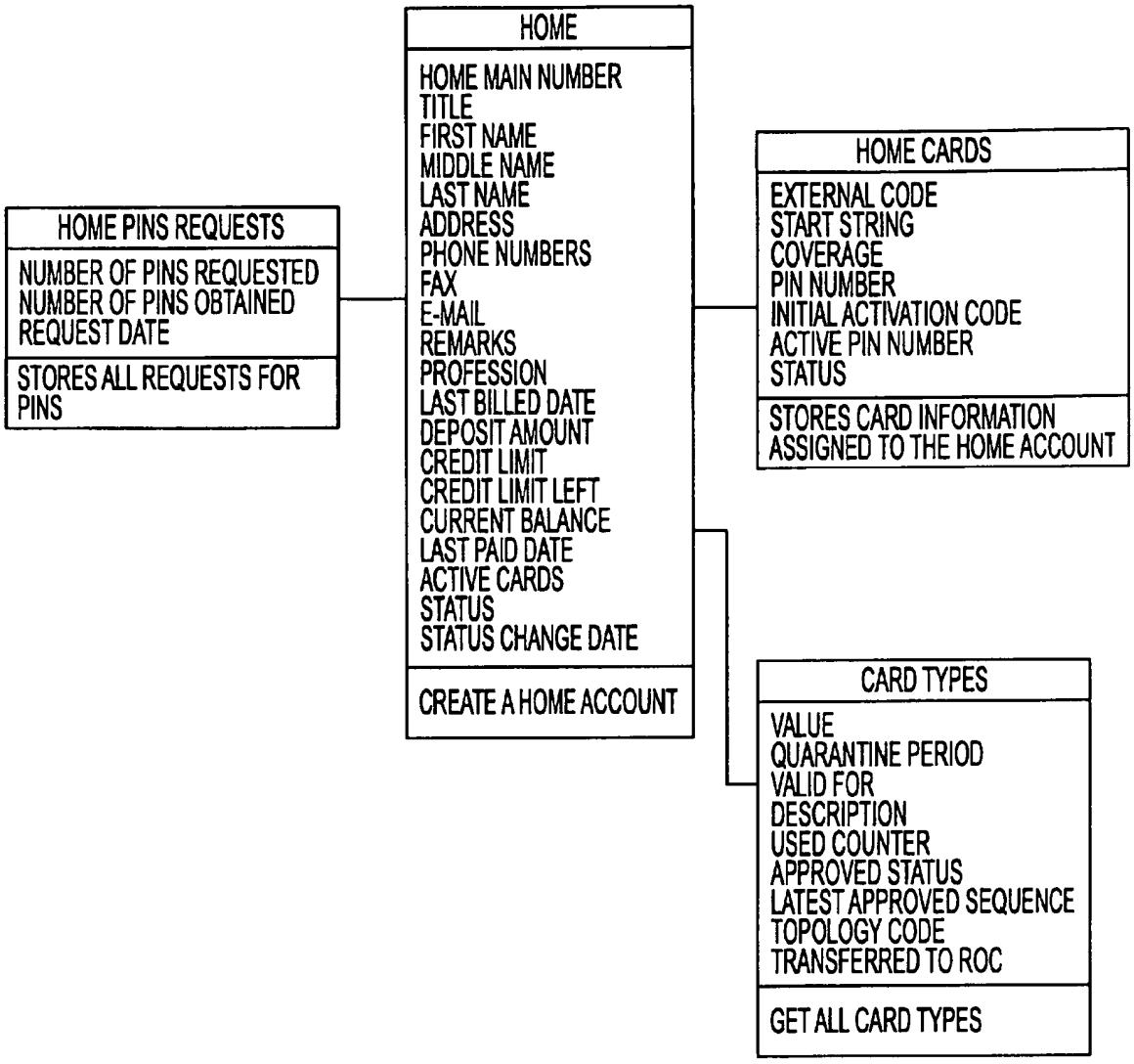
HOME
HOME MAIN NUMBER
TITLE
FIRST NAME
MIDDLE NAME
LAST NAME
ADDRESS
PHONE NUMBERS
FAX
E-MAIL
REMARKS
PROFESSION
LAST BILLED DATE
DEPOSIT AMOUNT
CREDIT LIMIT
CREDIT LIMIT LEFT
CURRENT BALANCE
LAST PAID DATE
ACTIVE CARDS
STATUS
STATUS CHANGE DATE
CREATE A HOME ACCOUNT
HOME PINS REQUESTS
NUMBER OF PINS REQUESTED
NUMBER OF PINS OBTAINED
REQUEST DATE
STORES ALL REQUESTS FOR PINS
HOME CARDS
EXTERNAL CODE
START STRING
COVERAGE
PIN NUMBER
INITIAL ACTIVATION CODE
ACTIVE PIN NUMBER
STATUS
STORES CARD INFORMATION ASSIGNED TO THE HOME ACCOUNT
CARD TYPES
VALUE
QUARANTINE PERIOD
VALID FOR
DESCRIPTION
USED COUNTER
APPROVED STATUS
LATEST APPROVED SEQUENCE
TOPOLOGY CODE
TRANSFERRED TO ROC
GET ALL CARD TYPES

FIG. 9

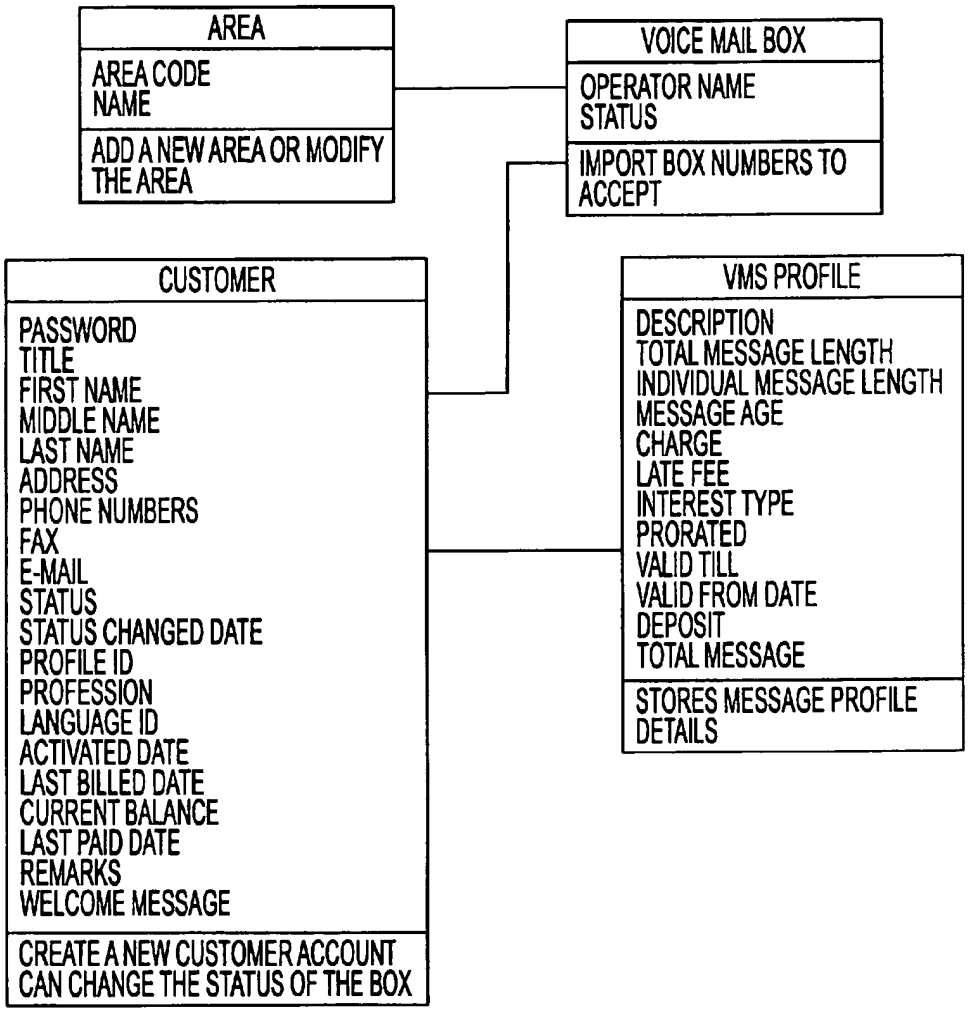
AREA
AREA CODE
NAME
ADD A NEW AREA OR MODIFY THE AREA
VOICE MAIL BOX
OPERATOR NAME
STATUS
IMPORT BOX NUMBERS TO ACCEPT
CUSTOMER
PASSWORD
TITLE
FIRST NAME
MIDDLE NAME
LAST NAME
ADDRESS
PHONE NUMBERS
FAX
E-MAIL
STATUS
STATUS CHANGED DATE
PROFILE ID
PROFESSION
LANGUAGE ID
ACTIVATED DATE
LAST BILLED DATE
CURRENT BALANCE
LAST PAID DATE
REMARKS
WELCOME MESSAGE
CREATE A NEW CUSTOMER ACCOUNT
CAN CHANGE THE STATUS OF THE BOX
VMS PROFILE
DESCRIPTION
TOTAL MESSAGE LENGTH
INDIVIDUAL MESSAGE LENGTH
MESSAGE AGE
CHARGE
LATE FEE
INTEREST TYPE
PRORATED
VALID TILL
VALID FROM DATE
DEPOSIT
TOTAL MESSAGE
STORES MESSAGE PROFILE DETAILS

FIG. 10

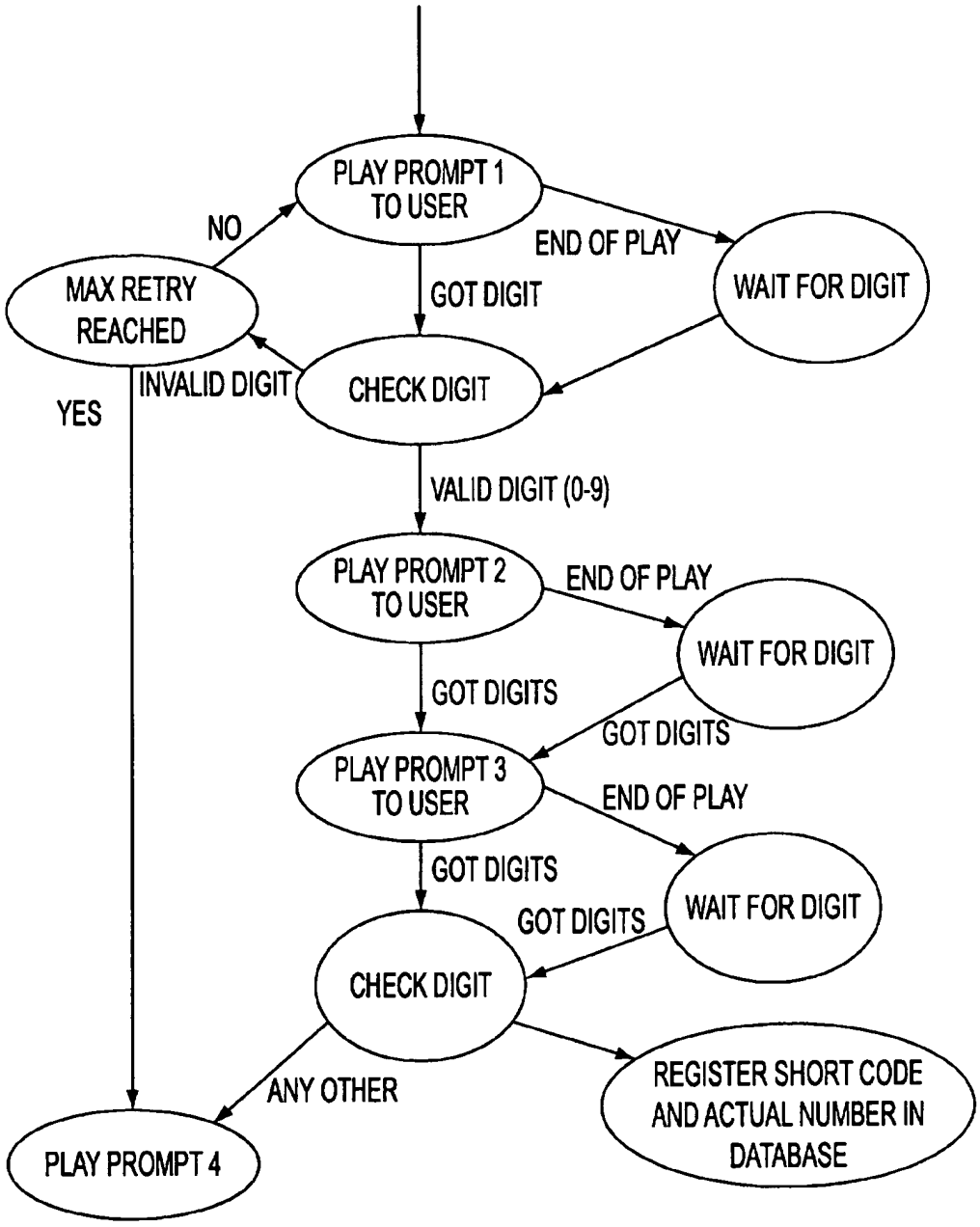
PLAY PROMPT 1 TO USER
NO
END OF PLAY
MAX RETRY REACHED
GOT DIGIT
WAIT FOR DIGIT
INVALID DIGIT
CHECK DIGIT
YES
VALID DIGIT (0-9)
PLAY PROMPT 2 TO USER
END OF PLAY
WAIT FOR DIGIT
GOT DIGITS
GOT DIGITS
PLAY PROMPT 3 TO USER
END OF PLAY
GOT DIGITS
WAIT FOR DIGIT
GOT DIGITS
CHECK DIGIT
ANY OTHER
REGISTER SHORT CODE AND ACTUAL NUMBER IN DATABASE
PLAY PROMPT 4

FIG. 11

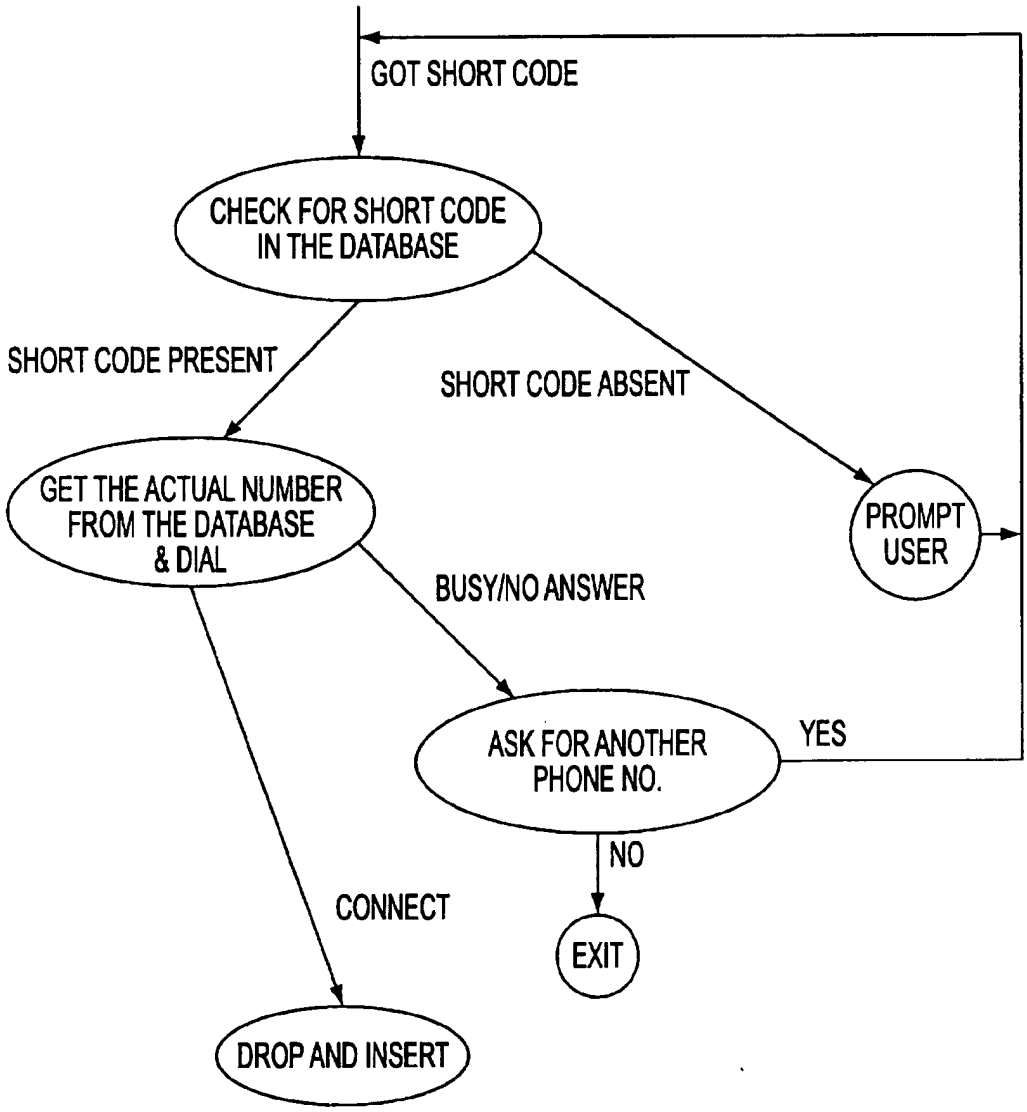
GOT SHORT CODE
CHECK FOR SHORT CODE IN THE DATABASE
SHORT CODE PRESENT
SHORT CODE ABSENT
GET THE ACTUAL NUMBER FROM THE DATABASE & DIAL
PROMPT USER
BUSY/NO ANSWER
ASK FOR ANOTHER PHONE NO.
YES
NO
CONNECT
EXIT
DROP AND INSERT

FIG. 12

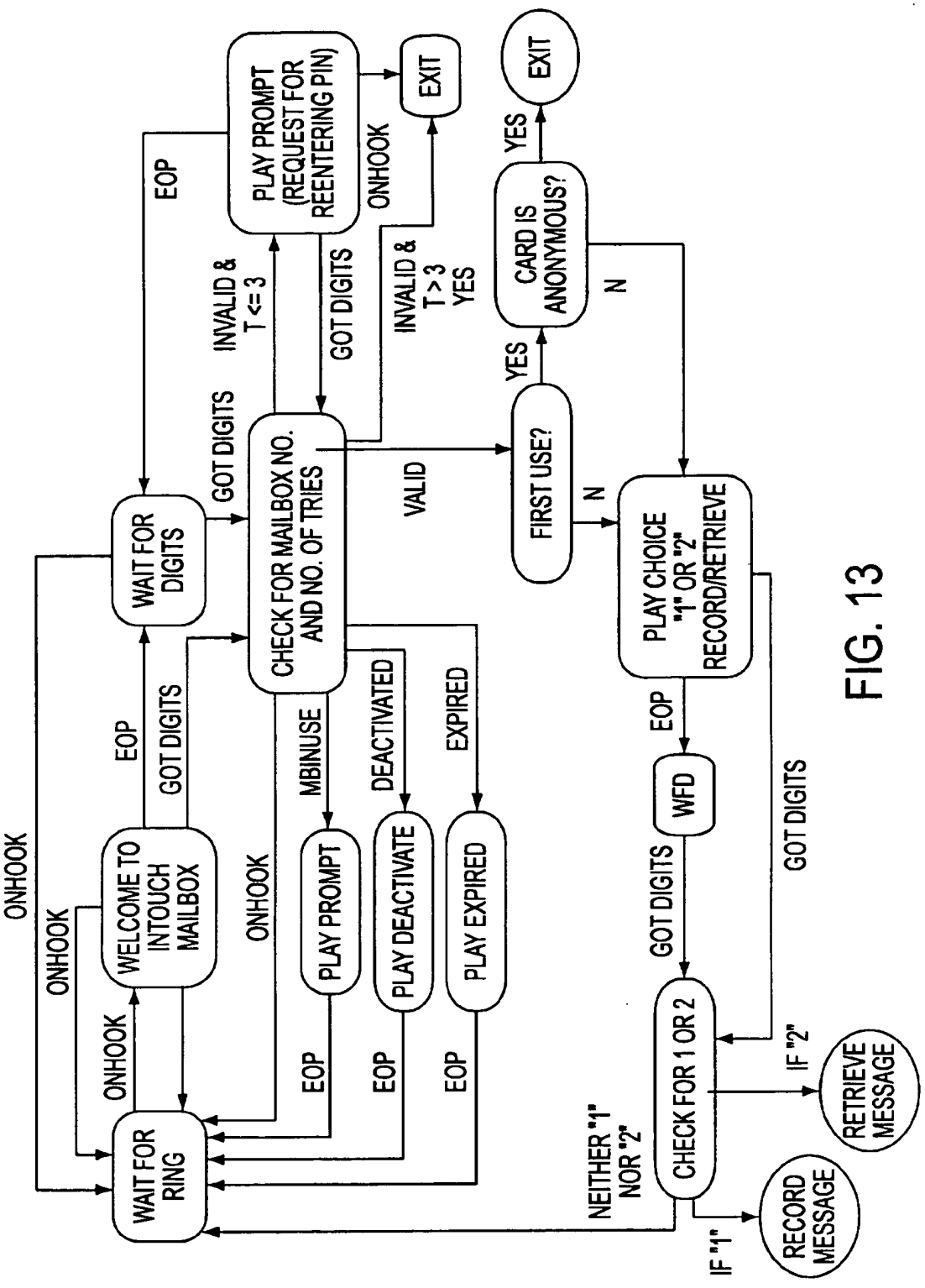
WAIT FOR RING
WELCOME TO INTOUCH MAILBOX
WAIT FOR DIGITS
CHECK FOR MAILBOX NO. AND NO. OF TRIES
PLAY PROMPT
PLAY DEACTIVATE
PLAY EXPIRED
PLAY PROMPT (REQUEST FOR REENTERING PIN)
EXIT
FIRST USE?
CARD IS ANONYMOUS?
EXIT
PLAY CHOICE "1" OR "2" RECORD/RETRIEVE
WFD
CHECK FOR 1 OR 2
RECORD MESSAGE
RETRIEVE MESSAGE
ONHOOK
EOP
GOT DIGITS
MBINUSE
DEACTIVATED
EXPIRED
INVALID & T <= 3
INVALID & T > 3
VALID
YES
N
IF "1"
IF "2"
NEITHER "1" NOR "2"

FIG. 13

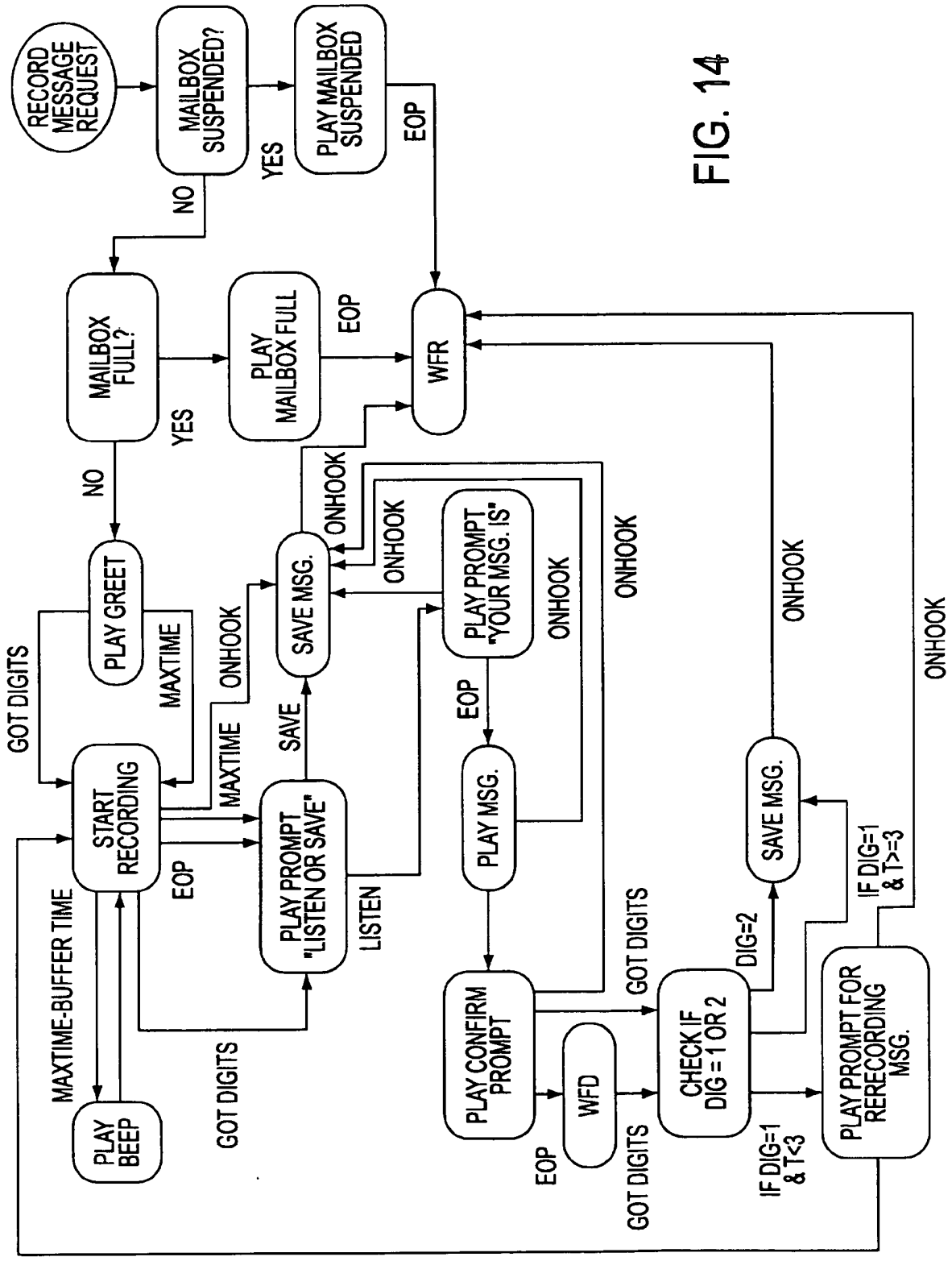
RECORD MESSAGE REQUEST
MAILBOX SUSPENDED?
YES
PLAY MAILBOX SUSPENDED
EOP
NO
MAILBOX FULL?
YES
PLAY MAILBOX FULL
EOP
WFR
NO
PLAY GREET
MAXTIME
GOT DIGITS
START RECORDING
MAXTIME-BUFFER TIME
PLAY BEEP
GOT DIGITS
EOP
MAXTIME
ONHOOK
SAVE
SAVE MSG.
ONHOOK
ONHOOK
PLAY PROMPT "LISTEN OR SAVE"
LISTEN
PLAY PROMPT "YOUR MSG. IS"
ONHOOK
EOP
PLAY MSG.
ONHOOK
PLAY CONFIRM PROMPT
EOP
WFD
GOT DIGITS
GOT DIGITS
CHECK IF DIG = 1 OR 2
DIG=2
SAVE MSG.
ONHOOK
IF DIG=1 & T<3
PLAY PROMPT FOR RERECORDING MSG.
IF DIG=1 & T>=3
ONHOOK

FIG. 14

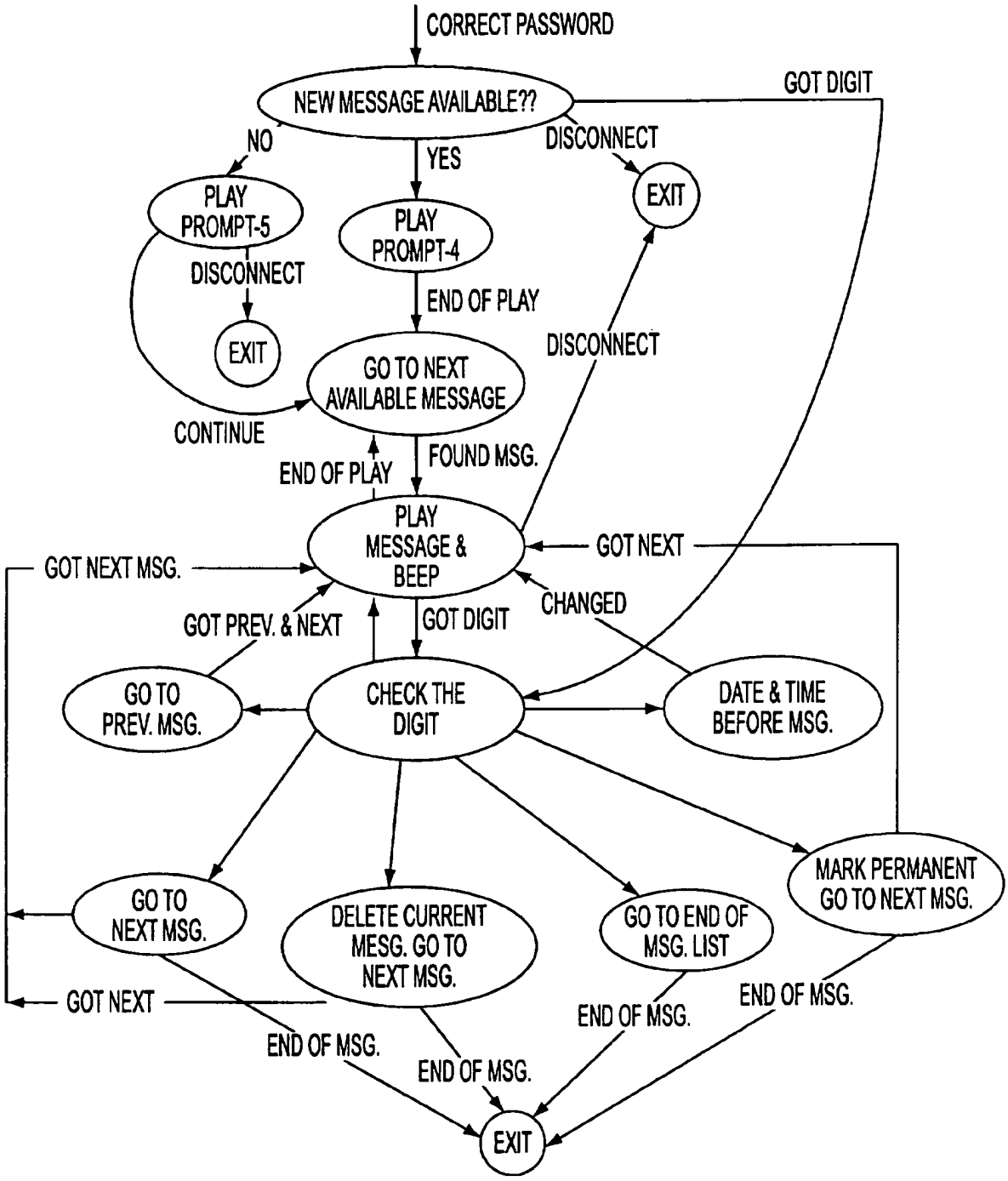
CORRECT PASSWORD
NEW MESSAGE AVAILABLE??
GOT DIGIT
NO
YES
DISCONNECT
EXIT
PLAY PROMPT-5
PLAY PROMPT-4
DISCONNECT
END OF PLAY
EXIT
GO TO NEXT AVAILABLE MESSAGE
DISCONNECT
CONTINUE
END OF PLAY
FOUND MSG.
PLAY MESSAGE & BEEP
GOT NEXT
GOT NEXT MSG.
CHANGED
GOT PREV. & NEXT
GOT DIGIT
GO TO PREV. MSG.
CHECK THE DIGIT
DATE & TIME BEFORE MSG.
MARK PERMANENT GO TO NEXT MSG.
GO TO NEXT MSG.
DELETE CURRENT MESG. GO TO NEXT MSG.
GO TO END OF MSG. LIST
GOT NEXT
END OF MSG.
END OF MSG.
END OF MSG.
EXIT

FIG. 15

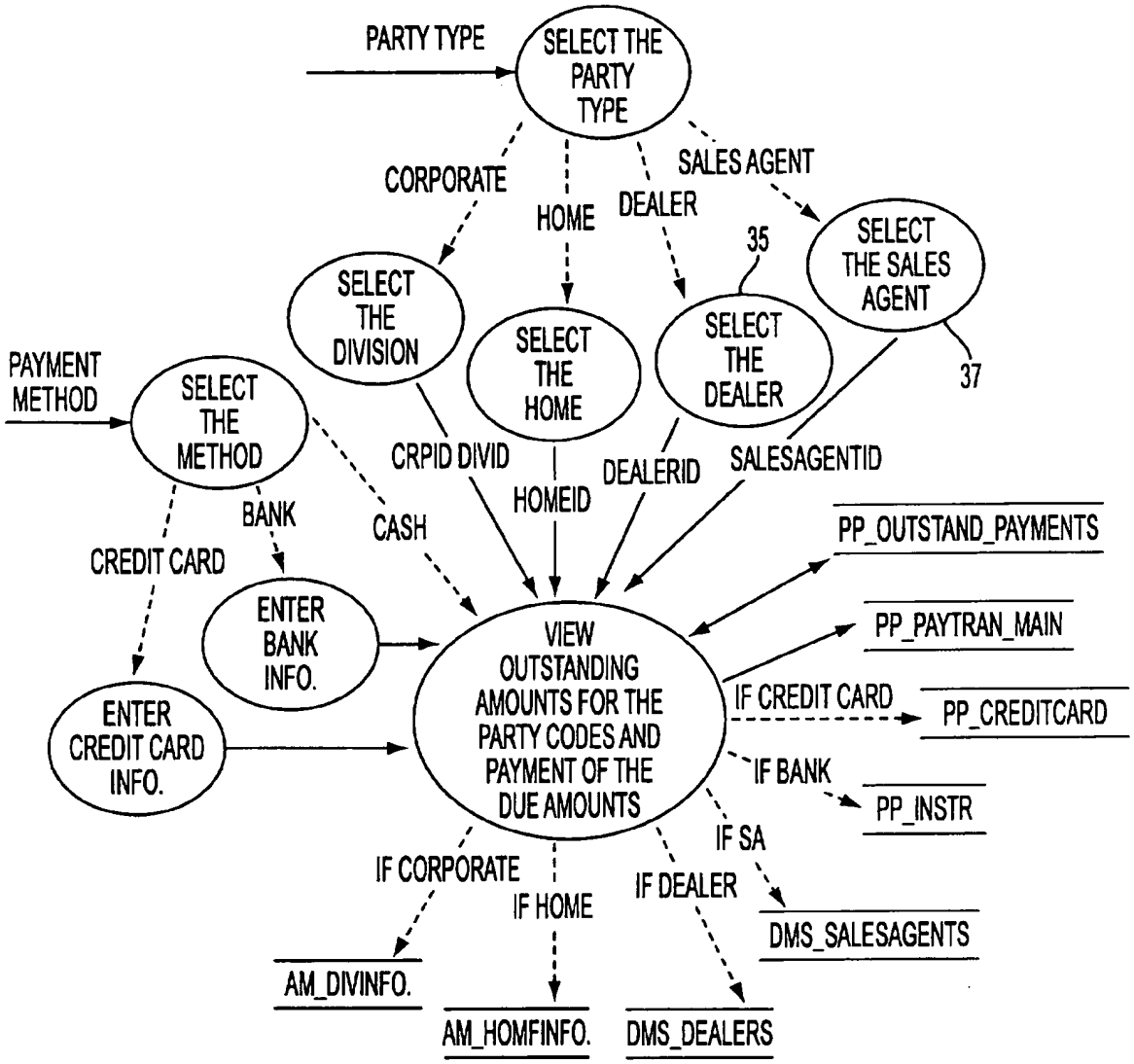
PARTY TYPE
SELECT THE PARTY TYPE
CORPORATE
HOME
DEALER
SALES AGENT
SELECT THE DIVISION
SELECT THE HOME
SELECT THE DEALER
SELECT THE SALES AGENT
35
37
PAYMENT METHOD
SELECT THE METHOD
CRPID DIVID
HOMEID
DEALERID
SALESAGENTID
BANK
CASH
CREDIT CARD
ENTER BANK INFO.
ENTER CREDIT CARD INFO.
VIEW OUTSTANDING AMOUNTS FOR THE PARTY CODES AND PAYMENT OF THE DUE AMOUNTS
PP_OUTSTAND_PAYMENTS
PP_PAYTRAN_MAIN
IF CREDIT CARD
PP_CREDITCARD
IF BANK
PP_INSTR
IF SA
DMS_SALESAGENTS
IF CORPORATE
IF HOME
IF DEALER
AM_DIVINFO.
AM_HOMFINFO.
DMS_DEALERS

FIG.16

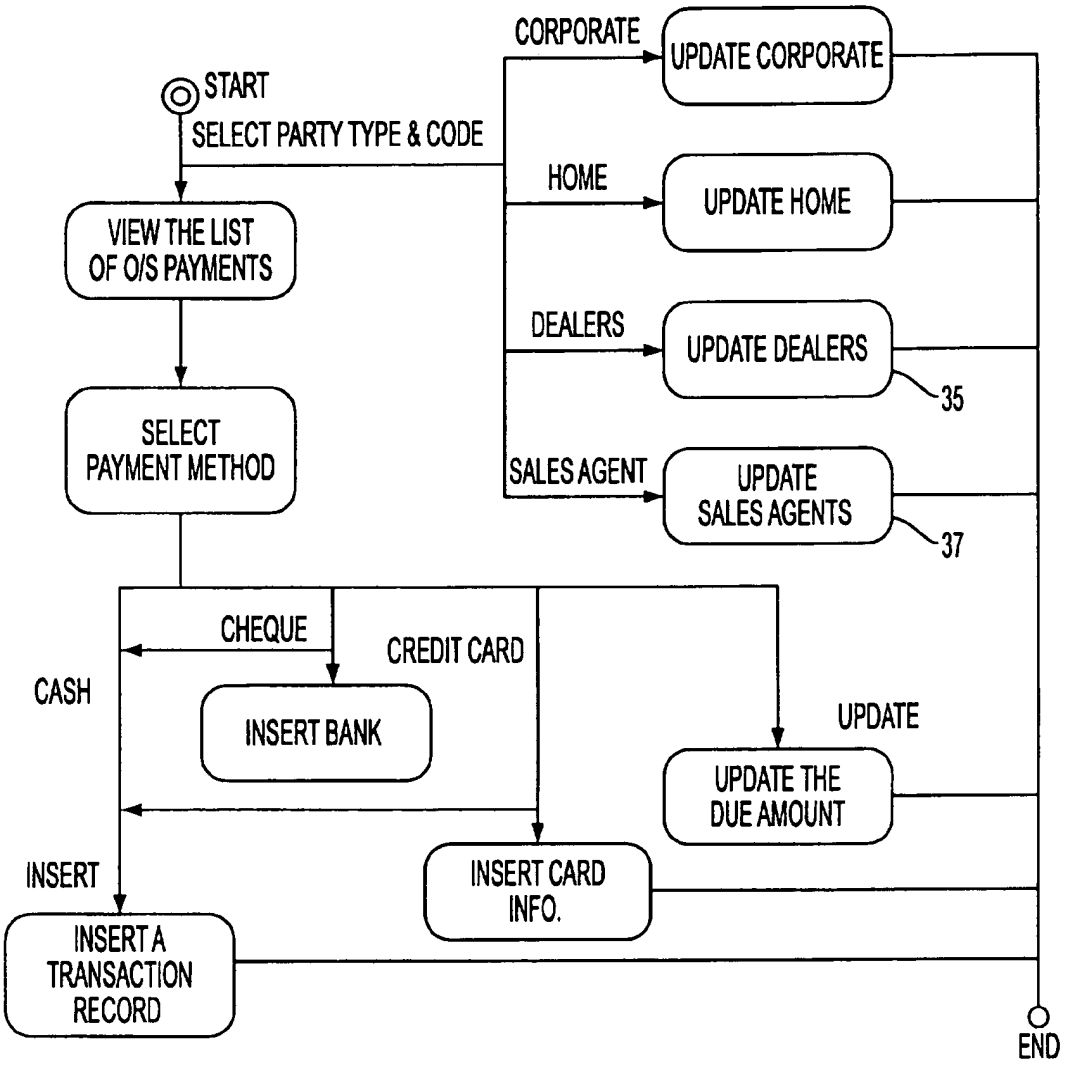
START
SELECT PARTY TYPE & CODE
VIEW THE LIST OF O/S PAYMENTS
SELECT PAYMENT METHOD
CORPORATE
UPDATE CORPORATE
HOME
UPDATE HOME
DEALERS
UPDATE DEALERS
35
SALES AGENT
UPDATE SALES AGENTS
37
CHEQUE
CREDIT CARD
CASH
INSERT BANK
UPDATE
UPDATE THE DUE AMOUNT
INSERT
INSERT CARD INFO.
INSERT A TRANSACTION RECORD
END

FIG. 17

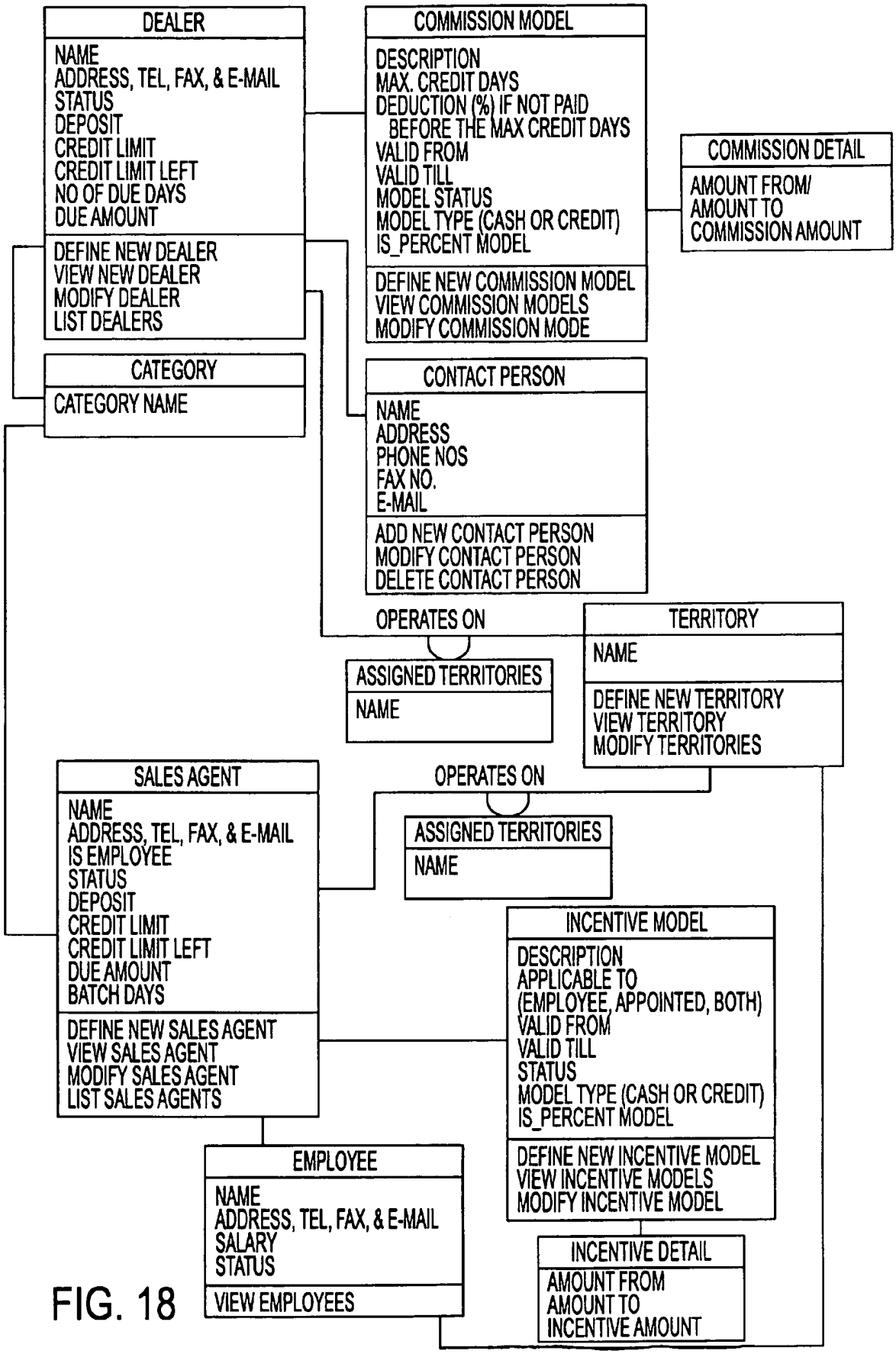
DEALER
NAME
ADDRESS, TEL, FAX, & E-MAIL
STATUS
DEPOSIT
CREDIT LIMIT
CREDIT LIMIT LEFT
NO OF DUE DAYS
DUE AMOUNT
DEFINE NEW DEALER
VIEW NEW DEALER
MODIFY DEALER
LIST DEALERS
COMMISSION MODEL
DESCRIPTION
MAX. CREDIT DAYS
DEDUCTION (%) IF NOT PAID
BEFORE THE MAX CREDIT DAYS
VALID FROM
VALID TILL
MODEL STATUS
MODEL TYPE (CASH OR CREDIT)
IS_PERCENT MODEL
DEFINE NEW COMMISSION MODEL
VIEW COMMISSION MODELS
MODIFY COMMISSION MODE
COMMISSION DETAIL
AMOUNT FROM/
AMOUNT TO
COMMISSION AMOUNT
CATEGORY
CATEGORY NAME
CONTACT PERSON
NAME
ADDRESS
PHONE NOS
FAX NO.
E-MAIL
ADD NEW CONTACT PERSON
MODIFY CONTACT PERSON
DELETE CONTACT PERSON
OPERATES ON
TERRITORY
NAME
DEFINE NEW TERRITORY
VIEW TERRITORY
MODIFY TERRITORIES
ASSIGNED TERRITORIES
NAME
SALES AGENT
NAME
ADDRESS, TEL, FAX, & E-MAIL
IS EMPLOYEE
STATUS
DEPOSIT
CREDIT LIMIT
CREDIT LIMIT LEFT
DUE AMOUNT
BATCH DAYS
DEFINE NEW SALES AGENT
VIEW SALES AGENT
MODIFY SALES AGENT
LIST SALES AGENTS
OPERATES ON
ASSIGNED TERRITORIES
NAME
INCENTIVE MODEL
DESCRIPTION
APPLICABLE TO
(EMPLOYEE, APPOINTED, BOTH)
VALID FROM
VALID TILL
STATUS
MODEL TYPE (CASH OR CREDIT)
IS_PERCENT MODEL
DEFINE NEW INCENTIVE MODEL
VIEW INCENTIVE MODELS
MODIFY INCENTIVE MODEL
EMPLOYEE
NAME
ADDRESS, TEL, FAX, & E-MAIL
SALARY
STATUS
VIEW EMPLOYEES
INCENTIVE DETAIL
AMOUNT FROM
AMOUNT TO
INCENTIVE AMOUNT

FIG. 18

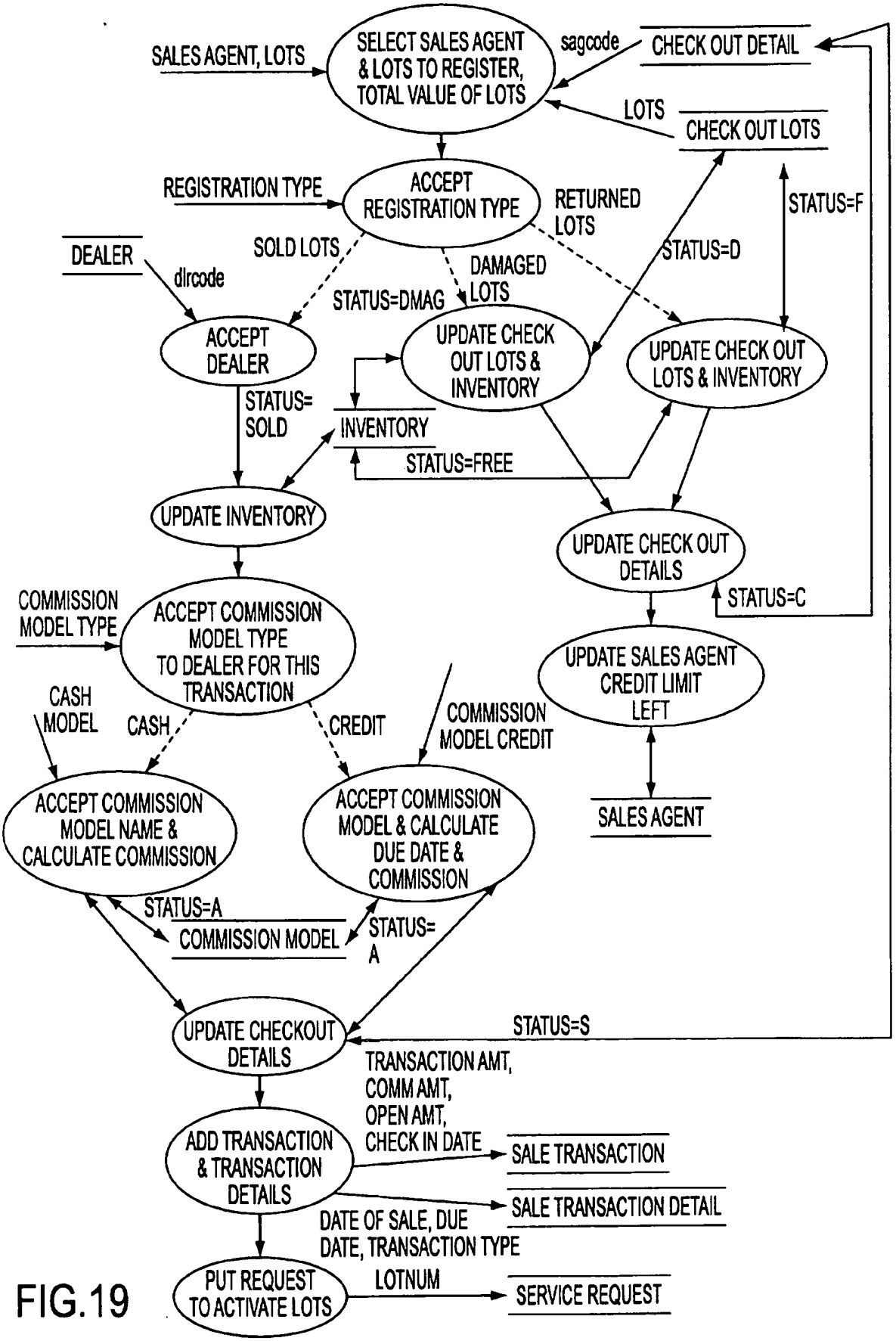
SALES AGENT, LOTS
SELECT SALES AGENT & LOTS TO REGISTER, TOTAL VALUE OF LOTS
sagcode
CHECK OUT DETAIL
LOTS
CHECK OUT LOTS
REGISTRATION TYPE
ACCEPT REGISTRATION TYPE
RETURNED LOTS
STATUS=F
STATUS=D
DEALER
dlrcode
SOLD LOTS
DAMAGED LOTS
STATUS=DMAG
ACCEPT DEALER
UPDATE CHECK OUT LOTS & INVENTORY
UPDATE CHECK OUT LOTS & INVENTORY
STATUS= SOLD
INVENTORY
STATUS=FREE
UPDATE INVENTORY
UPDATE CHECK OUT DETAILS
STATUS=C
COMMISSION MODEL TYPE
ACCEPT COMMISSION MODEL TYPE TO DEALER FOR THIS TRANSACTION
UPDATE SALES AGENT CREDIT LIMIT LEFT
CASH MODEL
CASH
CREDIT
COMMISSION MODEL CREDIT
ACCEPT COMMISSION MODEL NAME & CALCULATE COMMISSION
ACCEPT COMMISSION MODEL & CALCULATE DUE DATE & COMMISSION
SALES AGENT
STATUS=A
COMMISSION MODEL
STATUS= A
UPDATE CHECKOUT DETAILS
STATUS=S
TRANSACTION AMT, COMM AMT, OPEN AMT, CHECK IN DATE
ADD TRANSACTION & TRANSACTION DETAILS
SALE TRANSACTION
SALE TRANSACTION DETAIL
DATE OF SALE, DUE DATE, TRANSACTION TYPE
PUT REQUEST TO ACTIVATE LOTS
LOTNUM
SERVICE REQUEST

FIG.19

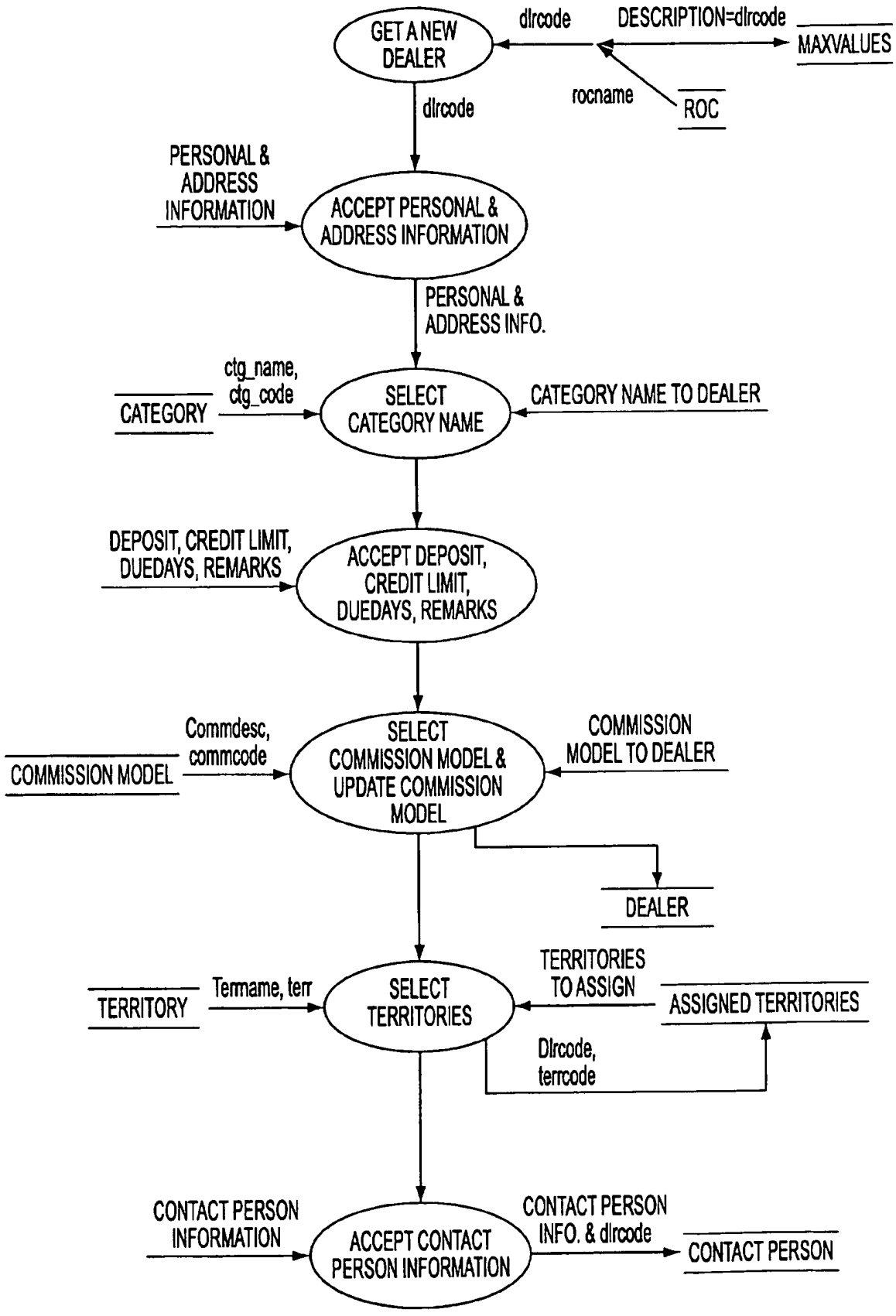
GET A NEW DEALER
dlrcode
DESCRIPTION=dlrcode
MAXVALUES
rocname
ROC
dlrcode
PERSONAL & ADDRESS INFORMATION
ACCEPT PERSONAL & ADDRESS INFORMATION
PERSONAL & ADDRESS INFO.
ctg_name, ctg_code
CATEGORY
SELECT CATEGORY NAME
CATEGORY NAME TO DEALER
DEPOSIT, CREDIT LIMIT, DUEDAYS, REMARKS
ACCEPT DEPOSIT, CREDIT LIMIT, DUEDAYS, REMARKS
Commdesc, commcode
COMMISSION MODEL
SELECT COMMISSION MODEL & UPDATE COMMISSION MODEL
COMMISSION MODEL TO DEALER
DEALER
TERRITORIES TO ASSIGN
ASSIGNED TERRITORIES
Termame, terr
TERRITORY
SELECT TERRITORIES
Dlrcode, terrcode
CONTACT PERSON INFORMATION
ACCEPT CONTACT PERSON INFORMATION
CONTACT PERSON INFO. & dlrcode
CONTACT PERSON

FIG. 20

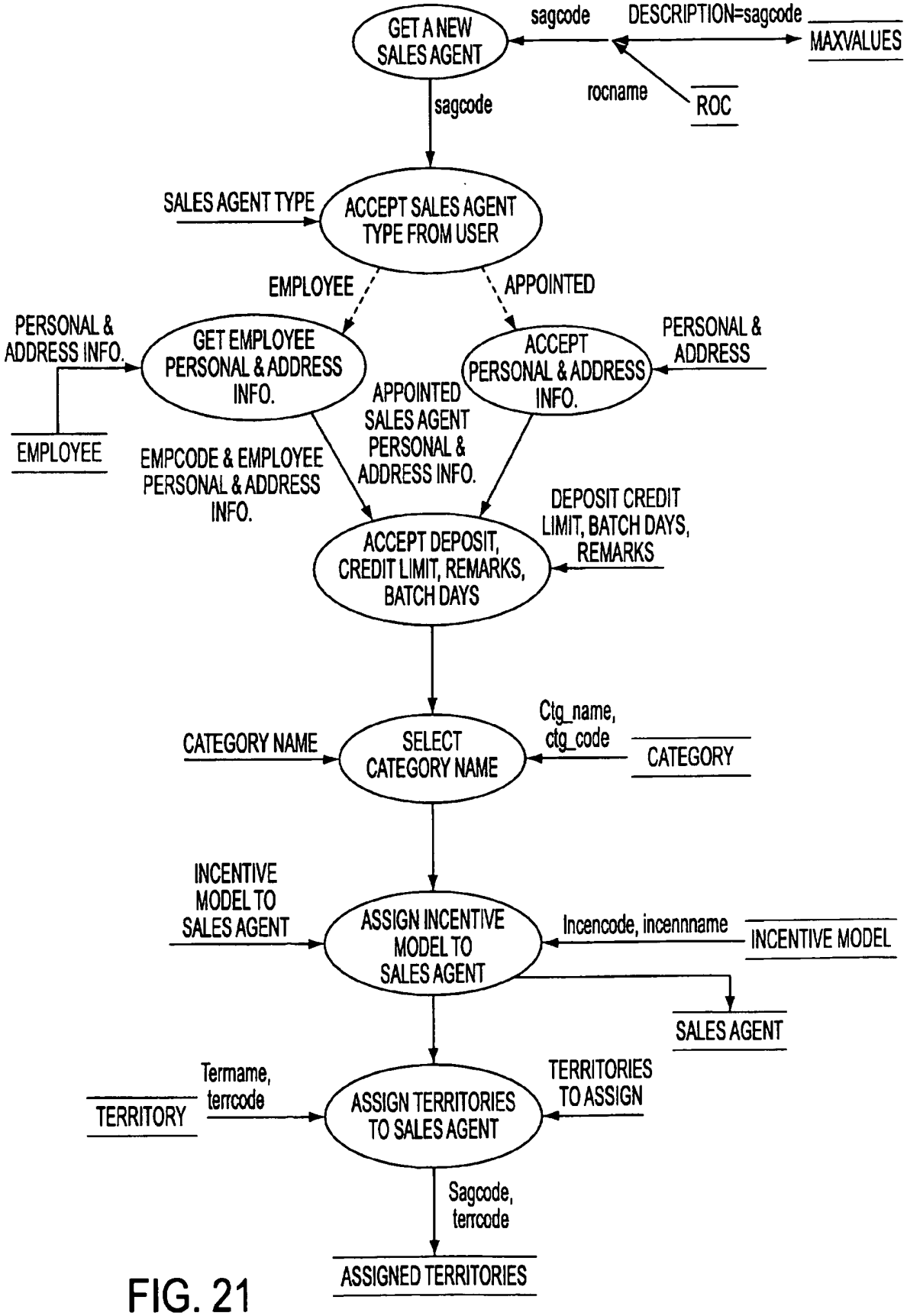
GET A NEW SALES AGENT
sagcode
DESCRIPTION=sagcode
MAXVALUES
rocname
ROC
sagcode
SALES AGENT TYPE
ACCEPT SALES AGENT TYPE FROM USER
EMPLOYEE
APPOINTED
PERSONAL & ADDRESS INFO.
GET EMPLOYEE PERSONAL & ADDRESS INFO.
ACCEPT PERSONAL & ADDRESS INFO.
PERSONAL & ADDRESS
EMPLOYEE
EMPCODE & EMPLOYEE PERSONAL & ADDRESS INFO.
APPOINTED SALES AGENT PERSONAL & ADDRESS INFO.
DEPOSIT CREDIT LIMIT, BATCH DAYS, REMARKS
ACCEPT DEPOSIT, CREDIT LIMIT, REMARKS, BATCH DAYS
Ctg_name, ctg_code
CATEGORY NAME
SELECT CATEGORY NAME
CATEGORY
INCENTIVE MODEL TO SALES AGENT
ASSIGN INCENTIVE MODEL TO SALES AGENT
Incencode, incennname
INCENTIVE MODEL
SALES AGENT
Termame, terrcode
TERRITORY
ASSIGN TERRITORIES TO SALES AGENT
TERRITORIES TO ASSIGN
Sagcode, terrcode
ASSIGNED TERRITORIES

FIG. 21

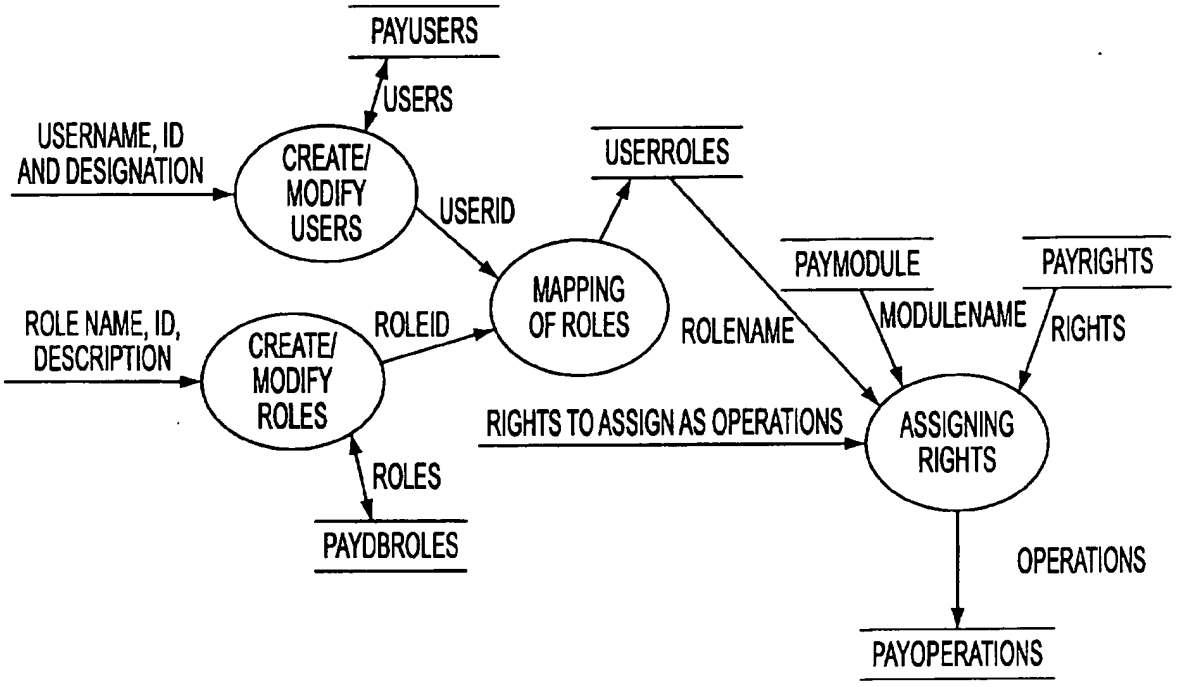
PAYUSERS
USERS
USERNAME, ID
AND DESIGNATION
CREATE/
MODIFY
USERS
USERID
USERROLES
MAPPING
OF ROLES
PAYMODULE
PAYRIGHTS
MODULENAME
RIGHTS
ROLENAME
ROLE NAME, ID,
DESCRIPTION
CREATE/
MODIFY
ROLES
ROLEID
RIGHTS TO ASSIGN AS OPERATIONS
ASSIGNING
RIGHTS
ROLES
PAYDBROLES
OPERATIONS
PAYOPERATIONS

FIG.22

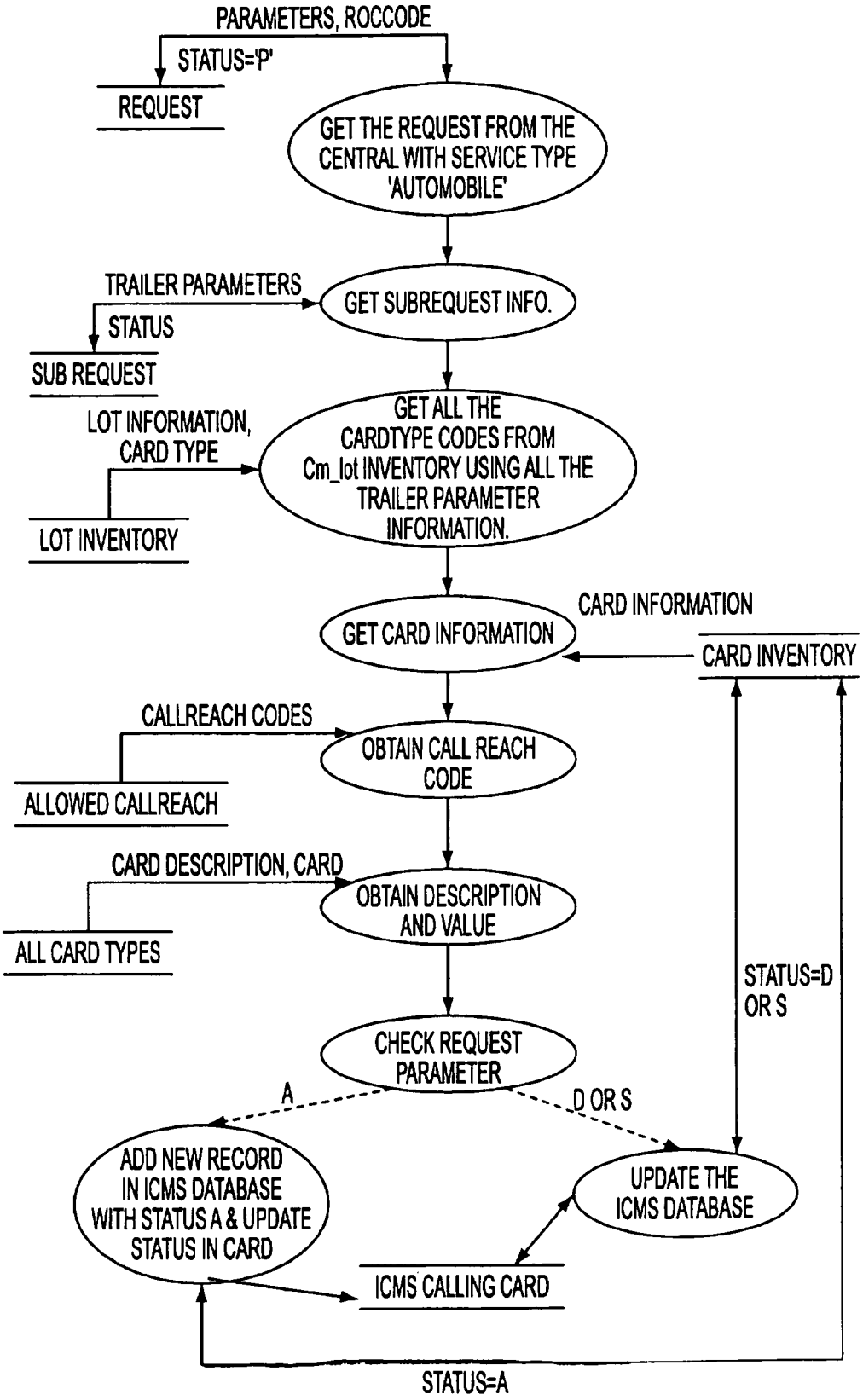
PARAMETERS, ROCCODE
STATUS='P'
REQUEST
GET THE REQUEST FROM THE CENTRAL WITH SERVICE TYPE 'AUTOMOBILE'
TRAILER PARAMETERS
STATUS
SUB REQUEST
GET SUBREQUEST INFO.
LOT INFORMATION, CARD TYPE
LOT INVENTORY
GET ALL THE CARDTYPE CODES FROM Cm_lot INVENTORY USING ALL THE TRAILER PARAMETER INFORMATION.
CARD INFORMATION
GET CARD INFORMATION
CARD INVENTORY
CALLREACH CODES
ALLOWED CALLREACH
OBTAIN CALL REACH CODE
CARD DESCRIPTION, CARD
ALL CARD TYPES
OBTAIN DESCRIPTION AND VALUE
STATUS=D OR S
CHECK REQUEST PARAMETER
A
D OR S
ADD NEW RECORD IN ICMS DATABASE WITH STATUS A & UPDATE STATUS IN CARD
UPDATE THE ICMS DATABASE
ICMS CALLING CARD
STATUS=A

FIG. 23

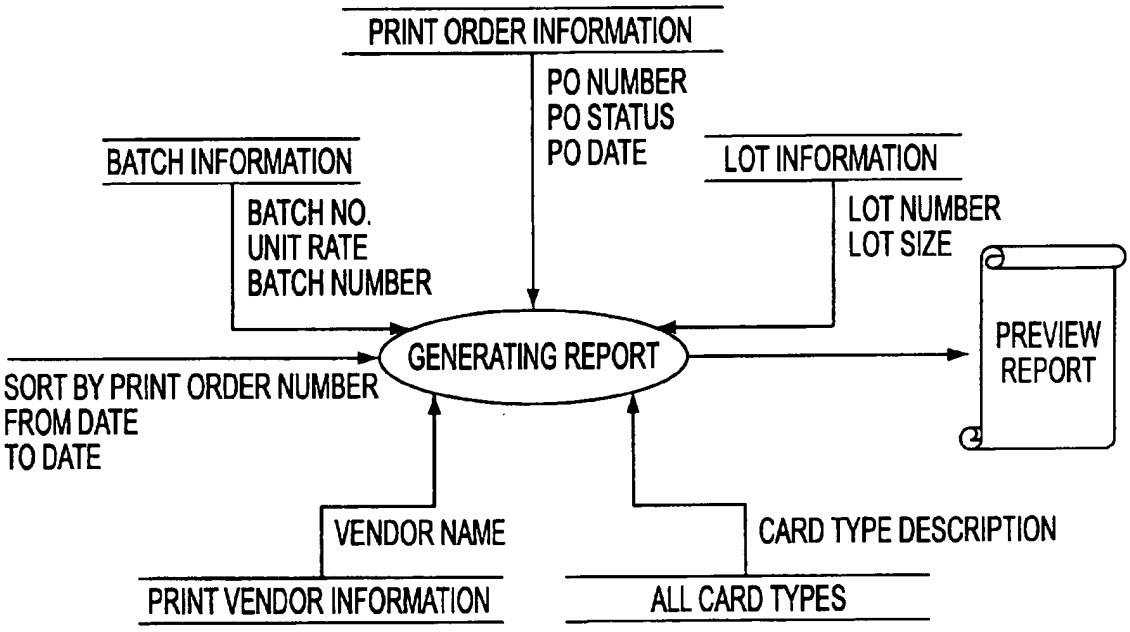
PRINT ORDER INFORMATION
PO NUMBER
PO STATUS
PO DATE
BATCH INFORMATION
BATCH NO.
UNIT RATE
BATCH NUMBER
LOT INFORMATION
LOT NUMBER
LOT SIZE
GENERATING REPORT
PREVIEW REPORT
SORT BY PRINT ORDER NUMBER
FROM DATE
TO DATE
VENDOR NAME
PRINT VENDOR INFORMATION
CARD TYPE DESCRIPTION
ALL CARD TYPES

FIG. 24

FUNCTIONALITY PROVIDED BY ALL PINS INFORMATION REPORT

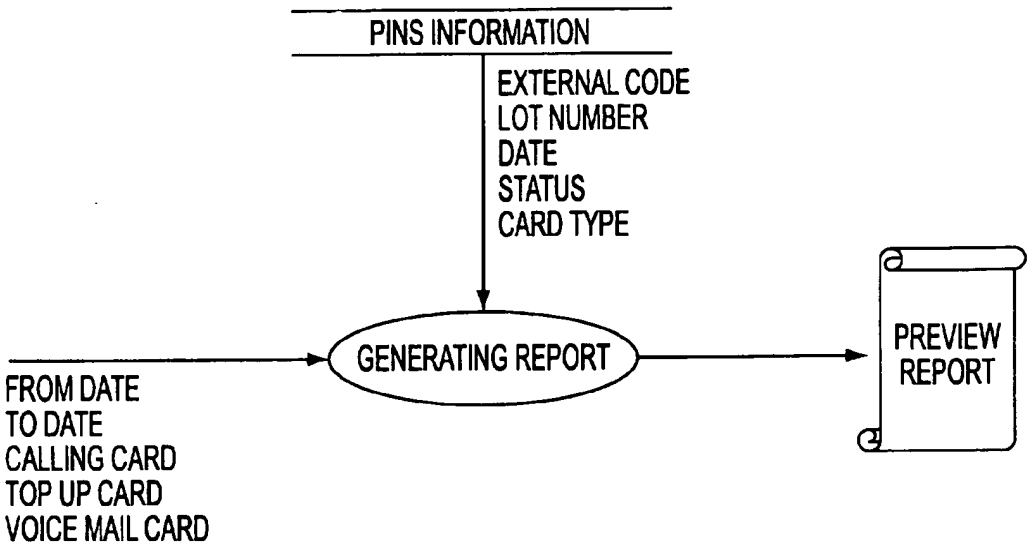

FIG. 25A

FUNCTIONALITY PROVIDED BY VMS PROFILE REPORT

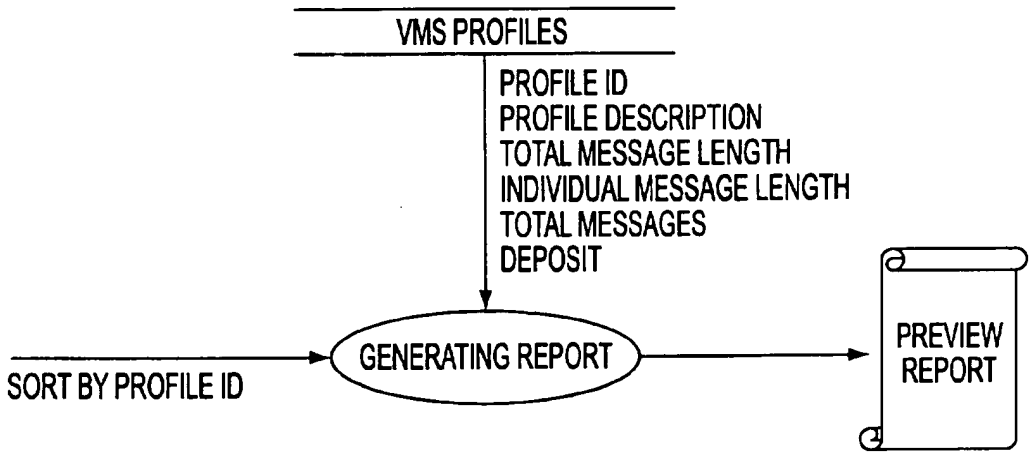

FIG. 25B

FUNCTIONALITY PROVIDED BY PRINT VENDOR REPORT

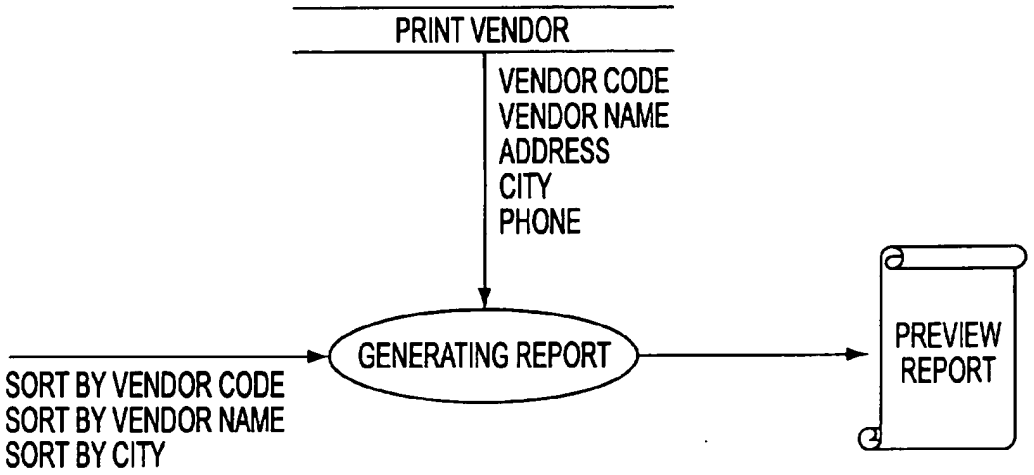

FIG. 26A

FUNCTIONALITY PROVIDED BY MOVED CARDS REPORT

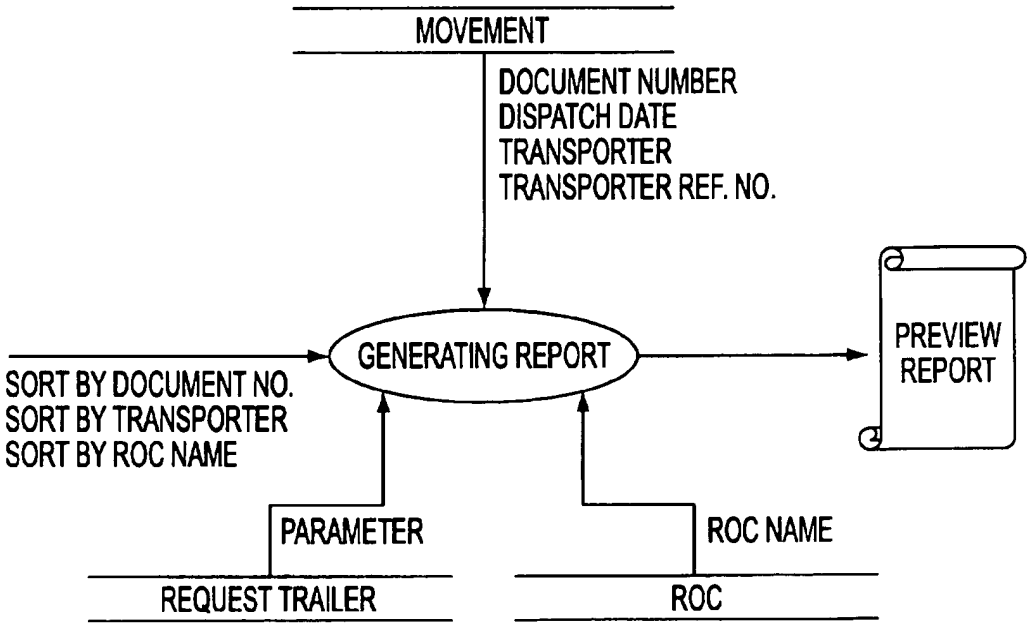

FIG. 26B

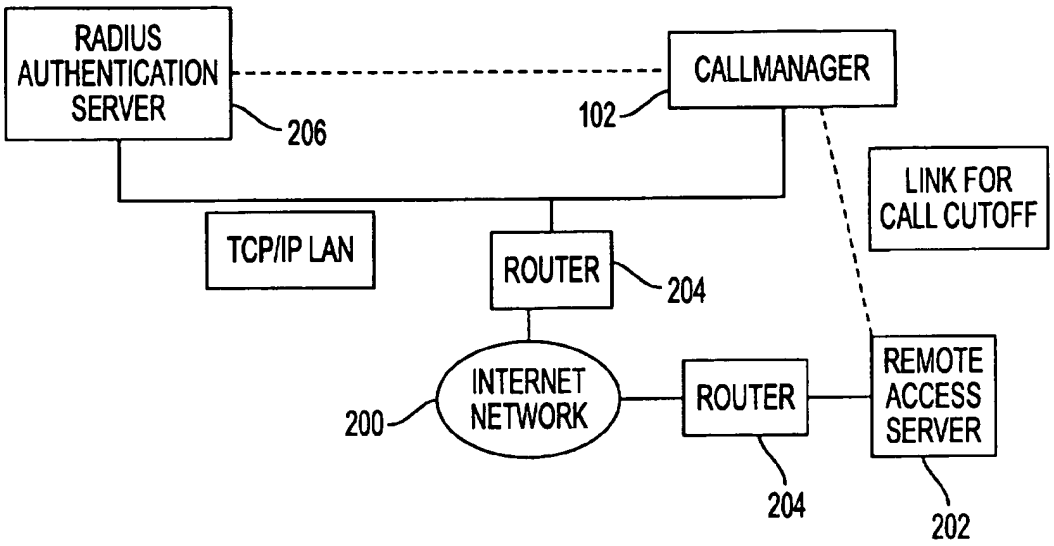
RADIUS AUTHENTICATION SERVER
206
CALLMANAGER
102
LINK FOR CALL CUTOFF
TCP/IP LAN
ROUTER
204
INTERNET NETWORK
200
ROUTER
204
REMOTE ACCESS SERVER
202

FIG. 27

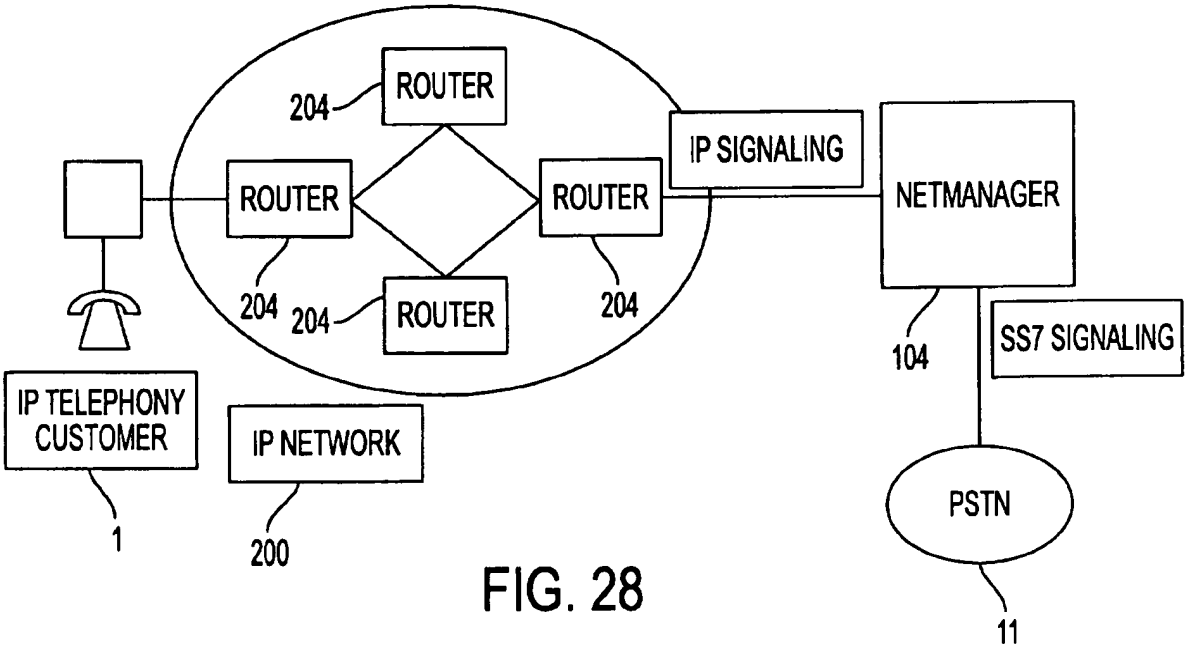
204
ROUTER
ROUTER
ROUTER
204
204
ROUTER
204
IP SIGNALING
NETMANAGER
104
SS7 SIGNALING
IP TELEPHONY CUSTOMER
1
IP NETWORK
200
PSTN
11

FIG. 28